

# GENERAL CATALOGUE



SINCE 1928

# Valli Zabban

WATERPROOFING SYSTEMS



Valli Zabban has established itself at the top of the bitumen waterproofing sector in civil construction and infrastructures in Italy and throughout the world. For over a quarter of a century, Valli Zabban waterproofing membranes have been protecting roofs, bridges, viaducts, foundations and every other type of civil engineering work from water, one of the most common elements and at the same time one of the most difficult of all to contain. Success is due also here to constant research, an absolute vocation for technological innovation and the total quality guaranteed by the products as well as the services offered to customers.

- **“CLASSIC” POLYMER BITUMEN MEMBRANES**

Extragum Classic  
Gummival Classic  
Gummiflex Classic

- **ELASTOMERIC/PLASTOMERIC MULTILAYER POLYMER MEMBRANE**  
Multival

- **ELASTOMERIC POLYMER BITUMEN MEMBRANES**

Elastoval Special  
Elastoval  
Elastogum Special  
Elastogum  
Elastoflex Special  
Elastoflex

- **SELF-ADHESIVE/SELF-THERMAL ADHESIVE ELASTO-PLASTOMERIC/ELASTOMERIC POLYMER BITUMEN MEMBRANES**

Adesival  
Adesiflex  
Termoval

- **POLYALPHAOLEFIN (APAO)/ELASTO-POLYOLEFIN POLYMER BITUMEN MEMBRANE**  
Optima

- **ELASTO-PLASTOMERIC POLYMER BITUMEN MEMBRANES**

Professional  
Extragum  
Gummival  
Gummiflex Special  
Ecoflex  
Gummiflex

- **ELASTO-POLYOLEFIN METALLOCENIC MEMBRANE**

Elastopro

- **PLASTO-ELASTOMERIC POLYMER BITUMEN MEMBRANES**

Asso  
Bendagum  
Vuzeta  
Sottotetto

- **PLASTOMERIC POLYMER BITUMEN MEMBRANES**

Monogum  
Zetagum

- **POLYMER BITUMEN MEMBRANES FOR SPECIAL USES**

- Excellent Photovoltaic System
- Cold Application System “by Gorgati”
- Elastoval Storm Minerale hail-resistant membrane
- Professional Fire Defence Minerale fire-resistant membrane
- High Speed Railways
- Bridges and Viaducts
- Root Barrier membranes
- Foundation walls
- Vapour barriers
- Radon gas barriers
- Self-protected metal membranes

- **ECOLOGICAL PROTECTION BOARD FOR WATERPROOFING COATS**

Rubberval Protection Board

- **ACOUSTIC INSULATION**

Aesse 2200

*Polymer bitumen membranes are also available with mineral self-protection.*



Every goal, with VZ

# Waterproofing Systems



# A SERVICE THAT NEVER LEAKS

The technical solutions quality goes along with a custom-tailored service. An efficient call centre is available with qualified technicians ready to support the client even on site if necessary. The assistance is supplied both during the phase of planning and while laying the waterproofing systems. This support guarantees the quality of the final result. A leading company nowadays, is appreciated for the products' quality as well as for the services efficiency.





## TRAINING

Training is a fundamental aspect for the sector growth through the appreciation of the finished works. This is why Valli Zabban supplies continuous training and updating for companies, retailers and professional associations.



## PLANNING

Valli Zabban supports the clients also during planning, jointly identifying the appropriate technical solutions for reliable and lasting building and infrastructural waterproofing works.



## RESEARCH LABORATORIES

The research, always Valli Zabban flag ship, allows the company to be in the forefront, innovative and proactive.



**Q**uality, **E**nvironment, **S**afety and **E**thics (**Q**ualità, **A**mbiente, **S**icurezza ed **E**tica) have always been part of the company identity. These are all certified values, thanks to the **QASE** integrated system, which only Valli Zabban holds in Europe in its reference sector.

This is thanks to constant, substantial and programmed investments that have made it possible to pursue and achieve – through research and development – the total quality of the products and services, to cater for the needs of the customers and the territory.

In 1993 Valli Zabban obtained **ISO 9001** Quality Certification from Bureau Veritas Quality International. This was followed by **ISO 14001** Environmental Certification, **ISO 45001** (ex OHSAS 18001) Safety Certification and **SA 8000** Ethical Certification.

For Valli Zabban, being the **first and only** company to have achieved the **QASE** integrated system is an important and prestigious result, a recognition that distinguishes it from its competitors throughout Europe. This is not however considered a finishing line, but rather a starting point, from which to move forward and become even better.



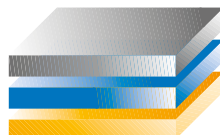


## Uses destinations

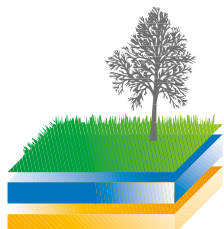
**TLM**  
Top layer  
membranes



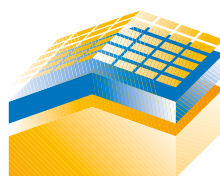
**UMLM**  
Under and middle layer  
membranes



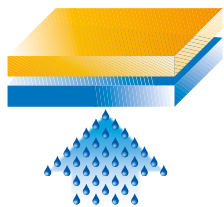
**MRG**  
Membranes  
for roof gardens



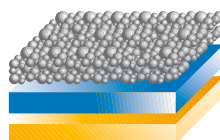
**ULMDR**  
Under layer  
membranes for  
discontinuous roofing



**MAHS**  
Membranes against  
humidity from soil



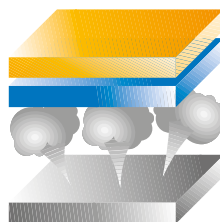
**UHPM**  
Under heavy protection  
membranes



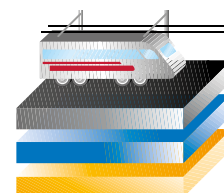
**MBVP**  
Membranes for bridges,  
viaducts, parking



**VBM/RGBM**  
Vapour and Radon gas  
barrier membranes



**MHSBVP**  
Membranes for High  
speed Works, bridges,  
viaducts, parking lots



The official technical data sheets of each product may be downloaded from the website:  
[www.vallizabban.it](http://www.vallizabban.it)



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In the old day's membranes, the high quality bitumen ensured high performances. Valli Zabban, that for 90 years has been transforming bitumen for road and industrial use and therefore has a deep knowledge of the raw material, was inspired by those membranes to create the Classic line. They are “old quality” membranes, made of a special blend of bitumen, different for source and processing. The BTB blended, waterproofing compound, designed by Valli

Zabban, allows to obtain bituminous mass with waterproofing mass of a quality entirely similar to the 70s one. The Classic membranes specific weight is 1: much lighter than the current standard, without induction of voids inside the compound, for an absolute waterproof in the entire waterproofing mass thickness. These membranes are much easier to transport, safe, fast to lay and technically reliable: over 40 years of service can prove it.

## EXTRAGUM PL CLASSIC

“Classic” elastoplastomeric

**COMPOUND** The waterproofing compound of EXTRAGUM PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with plastoeleostomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

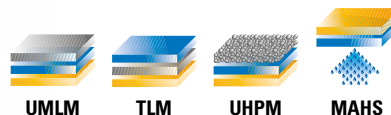
**REINFORCEMENT** The reinforcement used for EXTRAGUM PL CLASSIC membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL CLASSIC		3	-
4 PL CLASSIC		4	-



### USE



## EXTRAGUM MINERALE PL CLASSIC

“Classic” self protected elastoplastomeric membranes

**COMPOUND** The waterproofing compound of EXTRAGUM MINERALE PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with plastoeleostomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

**REINFORCEMENT** The reinforcement used for EXTRAGUM MINERALE PL CLASSIC membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 PL CLASSIC		-	4
4,5 PL CLASSIC		-	4,5



### USE





## GUMMIVAL PL CLASSIC

**"Classic" elastoplastomeric**

**COMPOUND** The waterproofing compound of GUMMIVAL PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

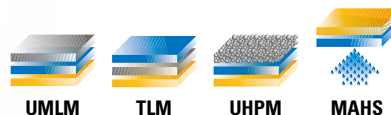
**REINFORCEMENT** The reinforcement used for GUMMIVAL PL CLASSIC membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL CLASSIC		3	-
4 PL CLASSIC		4	-



## USE



## GUMMIVAL ARDESIA PL CLASSIC

**"Classic" self protected elastoplastomeric membranes**

**COMPOUND** The waterproofing compound of GUMMIVAL ARDESIA PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

**REINFORCEMENT** The reinforcement used for GUMMIVAL ARDESIA PL CLASSIC membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 PL CLASSIC		-	4
4,5 PL CLASSIC		-	4,5



## USE



## GUMMIFLEX PL CLASSIC 51

**"Classic" elastoplastomeric**

**COMPOUND** The waterproofing compound of GUMMIFLEX PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

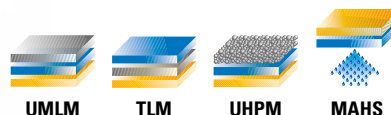
**REINFORCEMENT** The reinforcement used for GUMMIFLEX PL CLASSIC 51 membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL CLASSIC 51		3	-
4 PL CLASSIC 51		4	-



## USE



## GUMMIFLEX PL CLASSIC

**"Classic" elastoplastomeric**

**COMPOUND** The waterproofing compound of GUMMIFLEX PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

**REINFORCEMENT** The reinforcement used for GUMMIFLEX PL CLASSIC membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL CLASSIC		3	-
4 PL CLASSIC		4	-



## USE



UMLM



TLM



UHPM



MAHS

## ARDESIA PL CLASSIC

**"Classic" self protected elastoplastomeric membranes**

**COMPOUND** The waterproofing compound of ARDESIA PL CLASSIC membranes is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

**REINFORCEMENT** The reinforcement used for ARDESIA PL CLASSIC membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm	Weight Kg/m <sup>2</sup>
4 PL CLASSIC		-	4
4,5 PL CLASSIC		-	4,5
5 PL CLASSIC		-	5



## USE



TLM



ULMDR

# PLASTOMER-POLYMER BITUMEN MEMBRANES PROFESSIONAL RANGE

Professional System is the most complete line of waterproofing membranes. Designed by Valli Zabban for the waterproofing professionals, it provides very high and incomparable performances. The compound forming the waterproofing mass of the Professional membranes is made of an empty residue distilled bitumen mix modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilities and stabilizing inert fillers.

It is a UV rays resistant compound, thermally stable and extremely flexible at low temperatures. The reinforcement used for this line of membranes is made of non-woven polyester mat stabilized with glass fibres, rot free, which confers very high mechanical characteristics, very good elongation at break and dimensional stability. Thanks to these qualities, it is possible to apply the Professional membranes even on roofing systems which are mechanically and thermally stressed.

## PROFESSIONAL 20 PL - PROFESSIONAL 20 MINERALE PL

Elastoplastomeric membranes for professionals

**COMPOUND** The waterproofing compound of PROFESSIONAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for PROFESSIONAL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -20	Thickness mm	Weight Kg/m <sup>2</sup>
PROFESSIONAL 20 3 PL - SPUN PP	3	-
PROFESSIONAL 20 4 PL - SPUN PP	4	-
PROFESSIONAL 20 5 PL - SPUN PP	5	-
PROFESSIONAL 20 4 MINERALE PL	-	4
PROFESSIONAL 20 4,5 MINERALE PL	-	4,5



USE



UMLM



TLM



UHPM



MAHS

USE MINERALE



TLM



ULMDR

## PROFESSIONAL 15 - PROFESSIONAL 15 MINERALE PL

Elastoplastomeric membranes for professionals

**COMPOUND** The waterproofing compound of PROFESSIONAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for PROFESSIONAL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -15	Thickness mm	Weight Kg/m <sup>2</sup>
PROFESSIONAL 15 3 PL - SPUN PP	3	-
PROFESSIONAL 15 4 PL - SPUN PP	4	-
PROFESSIONAL 15 5 PL - SPUN PP	5	-
PROFESSIONAL 15 4 MINERALE PL	-	4
PROFESSIONAL 15 4,5 MINERALE PL	-	4,5



USE



UMLM



TLM



UHPM



MAHS

USE MINERALE



TLM



ULMDR

## MEMBRANES

# PLASTOMER-POLYMER BITUMEN MEMBRANES PROFESSIONAL RANGE

## PROFESSIONAL 10 PL - PROFESSIONAL 10 MINERALE PL

Elastoplastomeric membranes for professionals

**COMPOUND** The waterproofing compound of PROFESSIONAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for PROFESSIONAL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -10	Thickness mm	Weight Kg/m²
PROFESSIONAL 10 3 PL - SPUN PP	3	-
PROFESSIONAL 10 4 PL - SPUN PP	4	-
PROFESSIONAL 10 4 MINERALE PL	-	4
PROFESSIONAL 10 4,5 MINERALE PL	-	4,5



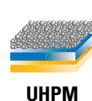
USE



UMLM



TLM



UHPM



MAHS

USE

MINERALE



TLM



ULMDR

## WATERPROOFING MEMBRANES WITH MULTI-LAYERED POLYMER MIX

## MULTIVAL PRO TR 4 MM - MULTIVAL PRO TR MINERALE 4 MM

Waterproofing membrane with multi-layered polymer mix



**COMPOUND** The MULTIVAL PRO TR membranes are made up of a multi-layered polymer mix, the compound making up the waterproofing mass of the lower layer is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber (SBS) based on radial elastomers, synthetic compatibilizers and inert fillers. stabilizers. The compound constituting the upper layer is instead formed by a mixture of empty residual distilled bitumen modified by elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers and sta-

bilizing inert fillers. The compound is UV-resistant, thermally stable and particularly flexible at low temperatures.

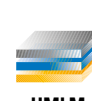
**REINFORCEMENT** The reinforcement used in MULTIVAL PRO TR membranes is a special "combined multi-layer" consisting of a fiberglass mat layer between two layers of non-woven spunbond polyester fiber which gives excellent mechanical characteristics, excellent elongation at break, excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

Flexibility at low temperature: °C -15/-25	Thickness mm	Weight Kg/m²
MULTIVAL PRO TR 4 MM	4	-
MULTIVAL PRO TR MINERALE 4 MM	4*	5,2

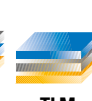
\*Measured on selvage



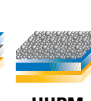
USE



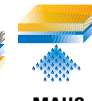
UMLM



TLM



UHPM



MAHS



# WATERPROOFING MEMBRANES WITH MULTI-LAYERED POLYMER MIX

## MULTIVAL PLUS 4 MM - MULTIVAL PLUS MINERALE 4 MM

Waterproofing membrane with multi-layered polymer mix



**COMPOUND** The MULTIVAL PLUS membranes are made up of a multi-layered polymer mix, the compound making up the waterproofing mass of the lower layer is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber (SBS) based on radial elastomers, synthetic compatibilizers and inert fillers. stabilizers. The compound constituting the upper layer is instead formed by a mixture of empty residual distilled bitumen modified by elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers

and stabilizing inert fillers. The compound is UV-resistant, thermally stable and particularly flexible at low temperatures.

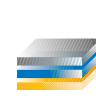
**REINFORCEMENT** The reinforcement used in MULTIVAL PLUS membranes is a special "combined multi-layer" consisting of a fiberglass mat layer between two layers of non-woven spunbond polyester fiber which gives excellent mechanical characteristics, excellent elongation at break, excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.

Flexibility at low temperature: °C -20/-20	Thickness mm	Weight Kg/m <sup>2</sup>
MULTIVAL PLUS 4 MM	4	-
MULTIVAL PLUS MINERALE 4 MM	4*	5,2

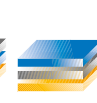
\*Measured on selvage



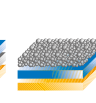
USE



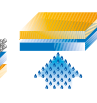
UMLM



TLM



UHPM



MAHS

## MULTIVAL REMAKE

Self protected waterproofing membrane with multi-layered polymer mix



**COMPOUND** The MULTIVAL REMAKE membranes are made up of a multi-layered polymer mix, the compound making up the waterproofing mass of the lower layer is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber (SBS) based on radial elastomers, synthetic compatibilizers and inert fillers. stabilizers. The compound constituting the upper layer is instead formed by a mixture of empty residual distilled bitumen modified by elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic compatibilizers and stabilizing inert fillers. The compound is UV-resistant, thermally stable and particularly flexible at low temperatures.

**REINFORCEMENT** The reinforcement used for MULTIVAL REMAKE membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres, which gives the product very good mechanical characteristics, very good breaking elongation, as well as excellent dimensional stability.

**LAYING METHOD** The laying deck shall be clean, smooth and dry. For a better adhesion it may be previously treated either with VERVAL PRIMER (solvent based) or with ECOPRIMER (water based). The membrane is then laid by melting the lower side with light propane gas flame. Edges shall be overlapped, always by torch, by at least 10 cm. on the sides and 15 cm. on top so that the roofing watertightness is granted.

Flexibility at low temperature: °C -20/20	Thickness mm	Weight Kg/m <sup>2</sup>
MULTIVAL REMAKE	4*	5,2

\*Measured on selvage



USE



TLM

## MULTIVAL RECOVER

Self protected waterproofing membrane with multi-layered polymer mix



**COMPOUND** The MULTIVAL RECOVER membranes are made up of a multi-layered polymer mix, the compound making up the waterproofing mass of the lower layer is made up of a mix of empty residual distilled bitumen modified with thermoplastic rubber (SBS) based on radial elastomers, synthetic compatibilizers and inert fillers. stabilizers. The compound constituting the upper layer is instead formed by a mixture of empty residual distilled bitumen modified by elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene,

synthetic compatibilizers and stabilizing inert fillers. The compound is UV-resistant, thermally stable and particularly flexible at low temperatures.

**REINFORCEMENT** The reinforcement used for MULTIVAL RECOVER membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres, which gives to the product excellent mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes on mechanically and thermally highly stressed surfaces.

Flexibility at low temperature: °C -15/15	Thickness mm	Weight Kg/m <sup>2</sup>
MULTIVAL RECOVER	-	4,5

USE



TLM

# WATERPROOFING MEMBRANES

## POLYMER-BITUMEN FOR SPECIAL USES

### ELASTOVAL STORM MINERALE

#### Elastomeric hail protection

**COMPOUND** The waterproofing compound of ELASTOVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers. The compound is thermally stable, very elastic and flexible at low temperatures.

**REINFORCEMENT** The reinforcement used for ELASTOVAL STORM MINERALE membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres, which gives to the product excellent mechanical and breaking elongation characteristics, as well as very good dimensional stability. Such characteristics allow to use these membranes on mechanically and thermally highly stressed surfaces.



Flexibility at low temperature:	°C -25	Thickness mm	Weight Kg/m <sup>2</sup>
ELASTOVAL STORM MINERALE		5	6



USE



### GUMMIFLEX 3 PL 12 AV - GUMMIVAL 4 PL SUPER 33/25

#### Elastoplastomeric for high speed railway systems

**COMPOUND** The waterproofing compound of GUMMIVAL and GUMMIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL 4 PL SUPER 33 / 25 membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres. The reinforcement used for GUMMIFLEX 3 PL 12 AV membranes, being also made up of a non-woven polyester mat stabilized with glass fibres, gives to the product very good mechanical and breaking elongation characteristics, as well as very good dimensional stability.

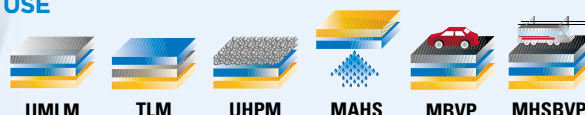


Flexibility at low temperature:	°C -10	Thickness mm	Weight Kg/m <sup>2</sup>
GUMMIFLEX 3 PL 12 AV		3	-
Flexibility at low temperature:	°C -15	Thickness mm	Weight Kg/m <sup>2</sup>
GUMMIVAL 4 PL SUPER 33 / 25		4	-



HIGH SPEED  
RAILWAY SYSTEMS

USE



### GUMMIFLEX PL SUPER 33

#### Elastoplastomeric specific for bridges, viaducts and driveways

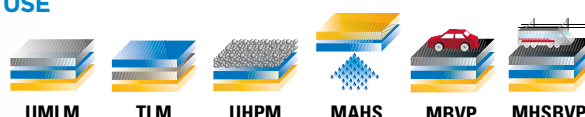
**COMPOUND** The waterproofing compound of GUMMIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX PL SUPER 33 membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres, which gives to the product exceptional mechanical and breaking elongation characteristics, as well as excellent dimensional stability. Such characteristics allow to use these membranes also on mechanically and thermally stressed surfaces.



Flexibility at low temperature:	°C -10	Thickness mm
3 PL SUPER 33		3
4 PL SUPER 33		4
5 PL SUPER 33		5

USE





# WATERPROOFING MEMBRANES

## POLYMER-BITUMEN FOR SPECIAL USES

### EXTRAGUM CLASSIC PL SUPER 33

**Elastoplastomeric specific for bridges, viaducts and driveways**

**COMPOUND** The waterproofing compound membrane EXTRAGUM CLASSIC is made up of a mix of BTF BLENDED distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene and synthetic rubber. **This compound is defined by a waterproofing mass with specific weight equal to 1, much lighter than the current standard, without the use of lightening products.**

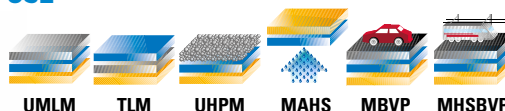
**REINFORCEMENT** The reinforcement used for EXTRAGUM CLASSIC PL SUPER 33 membranes is made up of a non-woven spunbond polyester mat stabilized with high weight glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm
3 PL SUPER 33		3
4 PL SUPER 33		4
5 PL SUPER 33		5



#### USE



### ELASTOVAL PL SUPER 33

**Elastomeric specific for bridges, viaducts and driveways**

**COMPOUND** The waterproofing compound membrane ELASTOVAL is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL PL SUPER 33 membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm
3 PL SUPER 33		3
4 PL SUPER 33		4
5 PL SUPER 33		5

#### USE



### GUMMIFLEX ANTIRADON

**Elastoplastomeric membranes specifically designed as Radon gas barrier**

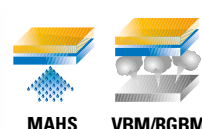
**COMPOUND** The waterproofing compound of GUMMIFLEX ANTIRADON membranes is made up of a particular and specific mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX ANTIRADON ALU membranes, acting as a high radon gas barrier, is made up of a non-woven polyester mat coupled with an aluminium foil. The reinforcement used for GUMMIFLEX ANTIRADON PL, which is little permeable to radon gas, is made up of a non-woven polyester mat stabilized with glass fiber.



Flexibility at low temperature:	°C -10	Thickness mm
ALU		4
PL		4

#### USE



# WATERPROOFING MEMBRANES POLYMER-BITUMEN FOR SPECIAL USES

## GUMMIVAL ANTIRADICE PLA

Elastoplastomeric membranes for roof gardens

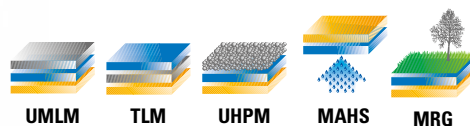
**COMPOUND** The waterproofing compound of GUMMIVAL ANTIRADICE PLA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber, specific anti-root additive and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and particularly flexible at low temperatures.

**REINFORCEMENT** The reinforcement used for GUMMIVAL ANTIRADICE PLA membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Thickness mm
3 PLA		3
4 PLA		4
5 PLA		5

### USE



## GUMMIFLEX ANTIRADICE PLA

Elastoplastomeric membranes for roof gardens

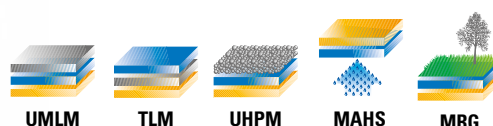
**COMPOUND** The waterproofing compound of GUMMIFLEX ANTIRADICE PLA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber, specific anti-root additive and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX ANTIRADICE PLA membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm
3 PLA		3
4 PLA		4

### USE



## ERECTA

Elastoplastomeric membranes for foundation walls

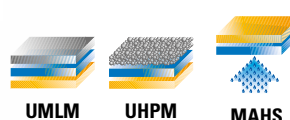
**COMPOUND** The waterproofing compound of ERECTA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ERECTA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Weight Kg/m²
4 PL		4

### USE



# WATERPROOFING MEMBRANES

## POLYMER-BITUMEN FOR SPECIAL USES

### RILEVAL

**Elastoplastomeric membranes planned to be used for gluing of insulation panels**

**COMPOUND** The waterproofing compound of RILEVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for RILEVAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres. The reinforcement used for RILEVAL VV membranes is made up of a reinforced glass fibre. The reinforcement used for RILEVAL ALU membranes is made up of a non-woven polyester mat coupled with an aluminium foil.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
4 ALU		4
4 PL		4
4 VV		4

#### USE



VBM/RGBM

### RILEVAL FOUNDATION

**Elastoplastomeric membranes with bitumen studs, for application of foundation walls**

**COMPOUND** The waterproofing compound of RILEVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for RILEVAL FOUNDATION membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
4 ALU		4
4 PL		4
4 VV		4

#### USE



VBM/RGBM

### VAPORVAL

**Elastoplastomeric membranes planned to be used as vapour barrier**

**COMPOUND** The waterproofing compound of VAPORVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for VAPORVAL membranes is made up of a non-woven polyester mat coupled with an aluminium foil.



Flexibility at low temperature:	°C -10	Thickness mm	Weight Kg/m <sup>2</sup>
2 KG			2
3 KG			3
4 KG			4
2 MM		2	
3 MM		3	
4 MM		4	

#### USE



VBM/RGBM

# WATERPROOFING MEMBRANES

## POLYMER-BITUMEN FOR SPECIAL USES

### STARTER PV

**COMPOUND** The waterproofing compound of STARTER PV 15 membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastic based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and particularly flexible at low temperatures.

**REINFORCEMENT** The reinforcement used in the STARTER PV 15 membranes is a glass felt coupled with an exposed non-woven Spunbond polyester fabric.



	Thickness mm	Weight Kg/m <sup>2</sup>	Rolls dimension (m)
STARTER PV 15	--	2	1X10

### PERFOVAL

**Perforated bituminous glass felt**

**DESCRIPTION** Perforated glass felt produced with selected, distilled bitumen, modified with polypropilenic resins of constant controlled quality.



	Weight Kg/m <sup>2</sup>
PERFOVAL	1,100

### GUMMIVAL NATURAL COLOUR

**Elastoplastomeric membranes self protected with ceramized microgranules**

**COMPOUND** The waterproofing compound of GUMMIVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL NATURAL COLOUR membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -15	Thickness mm
GUMMIVAL NATURAL COLOUR PL (Black, Red, White)	4
GUMMIVAL NATURAL COLOUR PL (Black, Red, White)	5

#### USE



### TAGLIAMURO PL

**Cutwall plastomeric membranes**

**COMPOUND** The waterproofing compound of TAGLIAMURO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for TAGLIAMURO PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



	Weight Kg/m <sup>2</sup>
4 PL H14	4
4 PL H20	4
4 PL H25	4
4 PL H28	4
4 PL H33	4
4 PL H40	4
4 PL H50	4



# WATERPROOFING MEMBRANES

## POLYMER-BITUMEN FIRE RESISTANT

### EXCELLENT

Polyalphaolefinic/APAO

**COMPOUND** The waterproofing compound of EXCELLENT membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber, fire resistant additives and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for EXCELLENT MINERALE membranes is made up of a non-woven spundbond polyester mat stabilized with glass fibres. The reinforcement used for EXCELLENT membranes is made up of a glass fabric coupled with glass fibres.



Flexibility at low temperature:	°C -35	Thickness mm	Weight Kg/m <sup>2</sup>
EXCELLENT		4	-
EXCELLENT MINERALE		4*	5,2

\*Measured on selvage

**PHOTOVOLTAIC  
SYSTEM BROOF (T2)**

USE



### PROFESSIONAL 20 MINERAL FIRE DEFENCE BROOF (T2)

Elastoplastomeric membranes for professionals

**COMPOUND** The waterproofing compound of PROFESSIONAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for PROFESSIONAL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
PROFESSIONAL 20 MINERAL - BROOF T2		4*	5,2

\*Measured on selvage



USE



### GUMMIVAL 5 BIARMATO BY GORGATI BROOF T2

Polyalphaolefinic/APAO membranes - Cold application system "By Gorgati" - Verified by UEAtc

**COMPOUND** The waterproofing compound of GUMMIVAL BIARMATO by GORGATI membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber and stabilizing aggregate fillers.

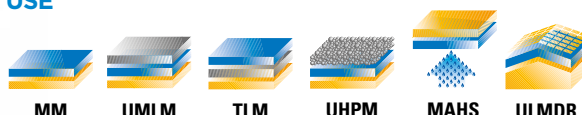
**REINFORCEMENT** The reinforcement used for GUMMIVAL BIARMATO by GORGATI membranes is made up of a stabilized non-woven spundbond polyester mat combined with reinforced glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
5 BIARMATO - BROOF T2		5	-



USE



## WATERPROOFING MEMBRANES

# POLYMER BITUMEN POLYALPHAOLEFINIC (APAO) COLD APPLICATION SYSTEM "BY GORGATI"

Gummival by Gorgati is the system for the cold gluing of the bituminous membranes. It can be applied to all Gummival membranes, using the appropriate Valcoat gluing products. The benefits are several: first of all the energy saving, since the cold gluing allows a drastic reduction of the gas consumption, then the easy and quick application, repair and maintenance. To be underlined the increased durability of the surface and the safe handling, which avoids the open flame application and the correlated risks in case of incautious use.

The system ensures the application of the membranes even on very degradable supports if subjected to fire action, such as wood and polystyrene. Whereas a very significant stress of the waterproofing surface is planned, or very high permanent loads are involved, the perfect solution is Gummival HP Biarmato, especially indicated for the waterproofing of parking lots, bridges and viaducts. The quality of Gummival by Gorgati is guaranteed by Valli Zabban experience.

## GUMMIVAL BIARMATO BY GORGATI

Polyalphaolefinic/APAO membranes - Cold application system "By Gorgati" - Verified according to UEAtc

**COMPOUND** The waterproofing compound of GUMMIVAL BIARMATO by GORGATI membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL BIARMATO by GORGATI membranes is made up of a stabilized non-woven spunbond polyester mat combined with reinforced glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 BIARMATO		4	-
5 BIARMATO - BROOF T2		5	-



### USE



UMLM



TLM



UHPM



MAHS



ULMDR

## GUMMIVAL HP BIARMATO BY GORGATI

Polyalphaolefinic/APAO membranes - Cold application system "By Gorgati" specific for parkings, bridges and viaducts

**COMPOUND** The waterproofing compound of GUMMIVAL HP BIARMATO by GORGATI membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL HP BIARMATO by GORGATI membranes is made up of a stabilized non-woven spunbond polyester mat combined with reinforced glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 HP BIARMATO		4	-
5 HP BIARMATO		5	-



### USE



UMLM



TLM



UHPM



MAHS



MBVP



MHSBP



ULMDR



## WATERPROOFING MEMBRANES

# POLYMER BITUMEN POLYALPHAOLEFINIC (APAO) COLD APPLICATION SYSTEM "BY GORGATI"

## GUMMIVAL BIARMATO ANTIRADICE BY GORGATI

Self protected polyalphaolefinic/APAO membranes - Cold application system "By Gorgati"

**COMPOUND** The waterproofing compound of GUMMIVAL BIARMATO ANTIRADICE by GORGATI membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber, specific anti-root additive and stabilizing aggregate fillers.

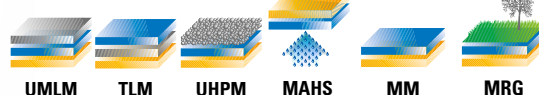
**REINFORCEMENT** The reinforcement used for GUMMIVAL BIARMATO ANTIRADICE by GORGATI membranes is made up of a stabilized non-woven spunbond polyester mat combined with reinforced glass fibres.



Flexibility at low temperature: °C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 BIARMATO ANTIRADICE	4	4,2
5 BIARMATO ANTIRADICE	5	5,3



USE



## GUMMIVAL HP BIARMATO ANTIRADICE BY GORGATI

Self protected polyalphaolefinic/APAO membranes - Cold application system "By Gorgati"

**COMPOUND** The waterproofing compound of GUMMIVAL BIARMATO HP ANTIRADICE by GORGATI membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber, specific anti-root additive and stabilizing aggregate fillers.

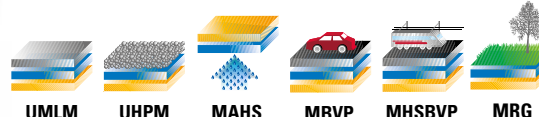
**REINFORCEMENT** The reinforcement used for GUMMIVAL BIARMATO HP ANTIRADICE by GORGATI membranes is made up of a stabilized non-woven spunbond polyester mat combined with reinforced glass fibres.



Flexibility at low temperature: °C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 HP BIARMATO ANTIRADICE	4	4,2
5 HP BIARMATO ANTIRADICE	5	5,3



USE



## VALCOAT

Bituminous glues

Black colour cold bituminous solvent based glue. It looks like an easily workable paste to be laid in a uniform way on the deck horizontally (10% maximum slope) forming at the same time, once dried, an intermediate waterproofing layer between the deck and the membrane reducing the negative effects of possible cracking of the deck.



## VALCOAT ISO

Bituminous glues

Solvent based bituminous glue for cold bonding of the insulation panels on concrete and polymer bitumen membranes.



## VALCOAT UP

Bituminous glues

Thixotropic paste with fibres, adhesive and sealant, made up of bitumen and solvent based polymers, characterized by a soft consistency which allows easy extrusion and moulding.

# WATERPROOFING MEMBRANES

## ELASTOMER-POLYMER BITUMEN (EPB)

### ELASTOVAL 4 PL SUPER

Elastomeric membranes (former certificate I.T.C. n° 583/02)

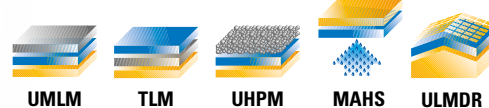
**COMPOUND** The waterproofing compound of ELASTOVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL 4 PL SUPER membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm	Weight Kg/m²
4 PL SUPER		4	-

#### USE



### ELASTOVAL ARDESIA

Elastomeric membranes (former certificate I.T.C. n° 583/02)

**COMPOUND** The waterproofing compound of ELASTOVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL ARDESIA membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.

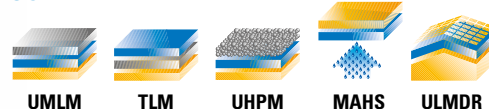


Flexibility at low temperature:	°C -25	Thickness mm	Weight Kg/m²
ARDESIA MM		4*	5

\*Measured on selvage



#### USE



### ELASTOVAL SPECIAL PL

Elastomeric membranes

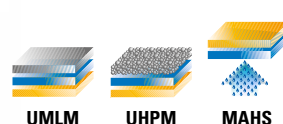
**COMPOUND** The waterproofing compound of ELASTOVAL SPECIAL PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL SPECIAL PL membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



# WATERPROOFING MEMBRANES

## ELASTOMER-POLYMER BITUMEN (EPB)

### ELASTOVAL SPECIAL MINERALE PL

#### Elastomeric membranes

**COMPOUND** The waterproofing compound of ELASTOVAL SPECIAL MINERALE PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL SPECIAL MINERALE PL membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Weight Kg/m <sup>2</sup>
4 PL		4
4,5 PL		4,5
5 PL		5

#### USE



### ELASTOVAL PL

#### Elastomeric membranes

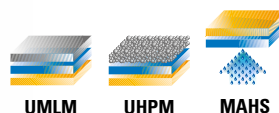
**COMPOUND** The waterproofing compound of ELASTOVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



### ELASTOVAL MINERALE PL

#### Self-protected elastomeric membranes

**COMPOUND** The waterproofing compound of ELASTOVAL MINERALE PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOVAL MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Weight Kg/m <sup>2</sup>
4 PL		4
4,5 PL		4,5

#### USE



# WATERPROOFING MEMBRANES

## ELASTOMER-POLYMER BITUMEN (EPB)

### ELASTOGUM SPECIAL PL

#### Elastomeric membranes

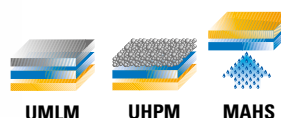
**COMPOUND** The waterproofing compound of ELASTOGUM SPECIAL PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOGUM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



### ELASTOGUM SPECIAL MINERALE PL

#### Self protected elastomeric membranes

**COMPOUND** The waterproofing compound of ELASTOGUM SPECIAL MINERALE PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOGUM SPECIAL MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Weight Kg/m <sup>2</sup>
4 PL		4
4,5 PL		4,5
5 PL		5

#### USE



### ELASTOGUM PL

#### Elastomeric membranes

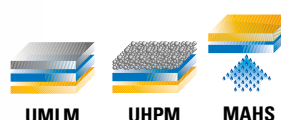
**COMPOUND** The waterproofing compound of ELASTOGUM membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOGUM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE





# WATERPROOFING MEMBRANES

## ELASTOMER-POLYMER BITUMEN (EPB)

### ELASTOGUM MINERALE PL

**Self protected elastomeric membranes**

**COMPOUND** The waterproofing compound of ELASTOGUM membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOGUM MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Weight Kg/m <sup>2</sup>
4 PL		4
4,5 PL		4,5
5 PL		5

**USE**



### ELASTOFLEX SPECIAL PL

**Elastomeric membranes**

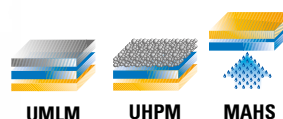
**COMPOUND** The waterproofing compound of ELASTOFLEX SPECIAL PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOFLEX SPECIAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Thickness mm
3 PL		3
4 PL		4

**USE**



### ELASTOFLEX SPECIAL MINERALE PL

**Self protected elastomeric membranes**

**COMPOUND** The waterproofing compound of ELASTOFLEX SPECIAL MINERALE PL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOFLEX SPECIAL MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
4,5 PL		4,5
5 PL		5

**USE**



# WATERPROOFING MEMBRANES

## ELASTOMER-POLYMER BITUMEN (EPB)

### ELASTOFLEX PL

#### Elastomeric membranes

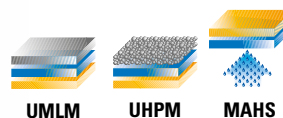
**COMPOUND** The waterproofing compound of ELASTOFLEX membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOFLEX PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Weight Kg/m <sup>2</sup>
3 PL		3
4 PL		4
5 PL		5

#### USE



### ELASTOFLEX MINERALE PL

#### Self protected elastomeric membranes

**COMPOUND** The waterproofing compound of ELASTOFLEX membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOFLEX MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
4,5 PL		4,5
5 PL		5

#### USE



## WATERPROOFING MEMBRANES

# POLYALPHAOLEFINIC-POLYMER BITUMEN (APAO) PLASTOMER-POLYMER BITUMEN (PPB)

## OPTIMA/OPTIMA MINERALE

Polyalphaolefinic/APAO (former certificate I.T.C. n° 618/03) for single layer applications

**COMPOUND** The waterproofing compound of OPTIMA membranes is made up of a mix of empty residue distilled bitumen modified with polyalphaolefine polymers (APAO), synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for OPTIMA and OPTIMA MINERALE membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm	Weight Kg/m <sup>2</sup>
OPTIMA		4	-
OPTIMA MINERALE		4*	5

\*Measured on selvage



USE



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TLM



UHPM



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## EXTRAGUM 4PL SPECIAL/EXTRAGUM MINERALE SPECIAL

Elastopolyolefinic membranes for single layer applications

**COMPOUND** The waterproofing compound of EXTRAGUM membranes is made up of a mix of empty residue distilled bitumen modified with elastopolyolefine polymers based on atactic polypropylene, copolymer, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for EXTRAGUM 4PL SPECIAL and EXTRAGUM MINERALE SPECIAL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -20	Thickness mm	Weight Kg/m <sup>2</sup>
4 PL SPECIAL		4	-
MINERALE SPECIAL		4*	5

\*Measured on selvage



USE



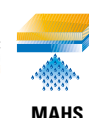
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## GUMMIVAL 4PL SUPER/GUMMIVAL MINERALE

Elastoplastomeric membranes (former certificate I.T.C. n° 618/03) for single layer applications

**COMPOUND** The waterproofing compound of GUMMIVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL 4PL SUPER and GUMMIVAL MINERALE membranes is made up of a non-woven spunbond polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Thickness mm	Weight Kg/m <sup>2</sup>
4 PL SPECIAL		4	-
MINERALE SPECIAL		4*	5

\*Measured on selvage



USE



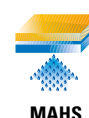
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## ELASTOPOLYOLEFINIC METALLOCENIC-POLYMER BITUMEN PLASTOMER-POLYMER BITUMEN (PPB)

### ELASTOPRO PL/ELASTOPRO MINERALE PL

#### Elastopolyolefinic metallocene

**COMPOUND** The waterproofing compound of ELASTOPRO membranes is made up of a mix of empty residue distilled bitumen modified with elastomers and polyolefine copolymers polymerized with metallocene catalyzers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ELASTOPRO PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL - SPUN PP	3	-
4 PL - SPUN PP	4	-
MINERALE 4 PL	-	4
MINERALE 4,5 PL	-	4,5
MINERALE 5 PL	-	5

#### USE



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### EXTRAGUM PL/EXTRAGUM MINERALE PL

#### Elastopolyolefinic membranes and self protected elastopolyolefinic membranes

**COMPOUND** The waterproofing compound of EXTRAGUM membranes is made up of a mix of empty residue distilled bitumen modified with elastopolyolefine polymers based on atactic polypropylene, copolymer, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for EXTRAGUM PL and EXTRAGUM MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -20	Thickness mm	Weight Kg/m <sup>2</sup>
3 PL	3	-
4 PL	4	-
MINERALE 4 PL	-	4
MINERALE 4,5 PL	-	4,5
MINERALE 5 PL	-	5
MINERALE 5,5 PL	-	5,5

#### USE



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### GUMMIVAL PL

#### Elastoplastomeric membranes

**COMPOUND** The waterproofing compound of GUMMIVAL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature: °C -15	Thickness mm
3 PL	3
4 PL	4
5 PL	5
6 PL	6

#### USE



UMLM



TLM



UHPM



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# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### GUMMIVAL ARDESIA

#### Self protected elastoplastomeric membranes

**COMPOUND** The waterproofing compound of GUMMIVAL ARDESIA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIVAL ARDESIA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
4 PL		4
4,5 PL		4,5
5 PL		5

#### USE



### GUMMIFLEX SPECIAL PL

#### Elastoplastomeric membranes

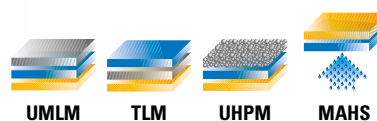
**COMPOUND** The waterproofing compound of GUMMIFLEX SPECIAL PL membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX SPECIAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



### GUMMIFLEX SPECIAL MINERALE PL

#### Self protected elastomeric membranes

**COMPOUND** The waterproofing compound of GUMMIFLEX SPECIAL MINERALE membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX SPECIAL MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5

#### USE



# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### GUMMIFLEX PL

#### Elastoplastomeric membranes

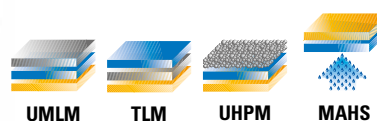
**COMPOUND** The waterproofing compound of GUMMIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



### GUMMIFLEX PL N20

#### Elastoplastomeric membranes

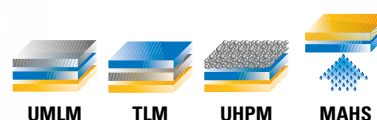
**COMPOUND** The waterproofing compound of GUMMIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for GUMMIFLEX PL N20 membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm
3 PL N20		3
4 PL N20		4
5 PL N20		5

#### USE



### ECOFLEX PL

#### Self protected elastomeric membranes

**COMPOUND** The waterproofing compound of ECOFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

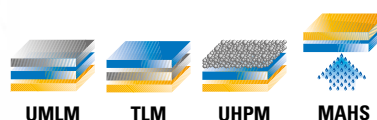
**REINFORCEMENT** The reinforcement used for ECOFLEX PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Thickness mm
3 PL		3
4 PL		4



#### USE



# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### ARDESIA PL

#### Self protected elastoplastomeric membranes

**COMPOUND** The waterproofing compound of ARDESIA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ARDESIA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -10	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5

#### USE



### ASSO PL

#### Plastoelastomeric membranes

**COMPOUND** The waterproofing compound of ASSO membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

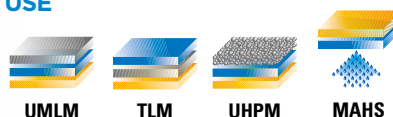
**REINFORCEMENT** The reinforcement used for ASSO PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Thickness mm
3 PL		3
4 PL		4
5 PL		5



#### USE



### BENDAGUM PL

#### Plastoelastomeric membranes

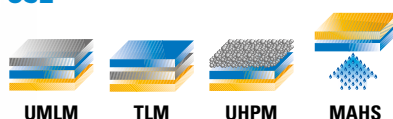
**COMPOUND** The waterproofing compound of BENDAGUM membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for BENDAGUM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Thickness mm
3 PL		3
4 PL		4

#### USE



# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### BENDAGUM MINERALE PL

#### Self protected plastoelastomeric membranes

**COMPOUND** The waterproofing compound of BENDAGUM MINERALE membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for BENDAGUM MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5

#### USE



### VUZETA VV

#### Plastoelastomeric membranes

**COMPOUND** The waterproofing compound of VUZETA membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for VUZETA VV membranes is made up of a reinforced glass fiber.



Flexibility at low temperature:	°C -5	Weight Kg/m <sup>2</sup>
2 VV		2
3 VV		3
4 VV		4

#### USE



### VUZETA PL

#### Plastoelastomeric membranes

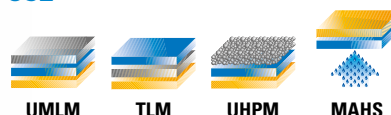
**COMPOUND** The waterproofing compound of VUZETA membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for VUZETA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Weight Kg/m <sup>2</sup>
3 PL		3
4 PL		4

#### USE





# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### MINERAL VUZETA PL

#### Self protected plastoelastomeric membranes

**COMPOUND** The waterproofing compound of MINERAL VUZETA membranes is made up of a mix of empty residue distilled bitumen modified with plastoelastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for MINERAL VUZETA PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5

#### USE



### SOTTOTETTO PL

#### Self protected plastomeric membranes for undertile applications

**COMPOUND** The waterproofing compound of SOTTOTETTO membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for SOTTOTETTO PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -5	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5

#### USE



### MONOGUM PL

#### Plastomeric membranes

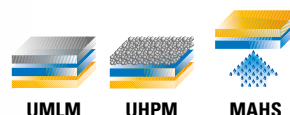
**COMPOUND** The waterproofing compound of MONOGUM membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for MONOGUM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C 0	Thickness mm
3 PL		3
4 PL		4
5 PL		5

#### USE



# WATERPROOFING MEMBRANES

## PLASTOMER-POLYMER BITUMEN (PPB)

### MONOGUM VV

#### Plastomeric membranes

**COMPOUND** The waterproofing compound of MONOGUM membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for MONOGUM VV membranes is made up of a reinforced glass fiber.



Flexibility at low temperature:	°C 0	Thickness mm
2 VV		3
3 VV		4
4 VV		5

#### USE



UMLM

### ZETAGUM PL

#### Plastomeric membranes

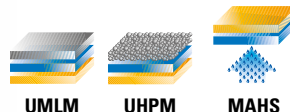
**COMPOUND** The waterproofing compound of ZETAGUM membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ZETAGUM PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C 0	Weight Kg/m <sup>2</sup>
3 PL		3
4 PL		4
5 PL		5

#### USE



UMLM

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### ZETAGUM VV

#### Plastomeric membranes

**COMPOUND** The waterproofing compound of ZETAGUM membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ZETAGUM VV membranes is made up of a reinforced glass fiber.



Flexibility at low temperature:	°C 0	Weight Kg/m <sup>2</sup>
2 VV		2
3 VV		3
4 VV		4
5 VV		5

#### USE



UMLM

### ZETAGUM MINERALE PL

#### Self protected plastomeric membranes

**COMPOUND** The waterproofing compound of ZETAGUM MINERALE membranes is made up of a mix of empty residue distilled bitumen modified with plastomeric polymers based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ZETAGUM MINERALE PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C 0	Weight Kg/m <sup>2</sup>
3,5 PL		3,5
4 PL		4
4,5 PL		4,5
5 PL		5
6 PL		6

#### USE



ULMDR

## ADESIVAL SUPER PL

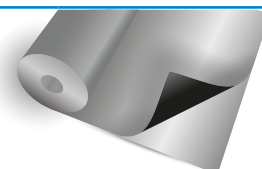
### Self adhesive membranes

**COMPOUND** The waterproofing compound of ADESIVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial, linear isoprenic elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ADESIVAL SUPER PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm
2 PL		2
3 PL		3
4 PL		4



### USE



## ADESIVAL MINERAL PL

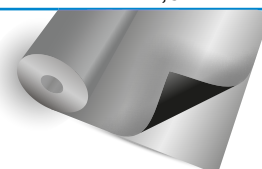
### Self adhesive membranes

**COMPOUND** The waterproofing compound of ADESIVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial, linear isoprenic elastomers, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ADESIVAL MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres.



Flexibility at low temperature:	°C -25	Thickness mm
3,5 PL		3,5
4 PL		4
4,5 PL		4,5



### USE



## ADESIFLEX PL

### Self adhesive membranes

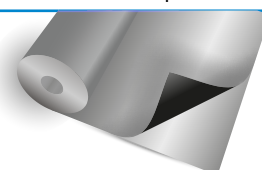
**COMPOUND** The waterproofing compound of ADESIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastomeric based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers.

**REINFORCEMENT** The reinforcement used for ADESIFLEX PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product very good mechanical and breaking elongation characteristics, as well as very good dimensional stability.

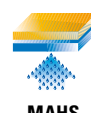
**FINISHING** The ADESIFLEX PL membrane is treated on the upper side with a PE polymeric film. The lower side is finished with silicone film to be removed during the application.



Flexibility at low temperature:	°C -15	Thickness mm
PL 2 MM		2
PL 3 MM		3
PL 4 MM		4



### USE



## ADESIFLEX MINERAL PL

## Self adhesive membranes

**COMPOUND** The waterproofing compound of ADESIFLEX membranes is made up of a mix of empty residue distilled bitumen modified with elastoplastic based on atactic polypropylene, isotactic polypropylene, synthetic rubber and stabilizing aggregate fillers. The compound is UV rays resistant, thermally stable and particularly flexible at low temperatures.

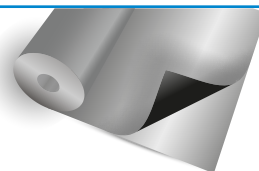
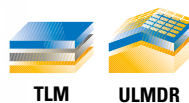
**REINFORCEMENT** The reinforcement used for ADESIFLEX MINERAL PL membranes is made up of a non-woven polyester mat stabilized with glass fibres, which gives to the product very good mechanical and breaking elongation characteristics, as well as very good dimensional stability.

**FINISHING** The ADESIFLEX MINERAL PL membrane is finished on the upper side either with natural or coloured slate granules or with ceramic granules.



Flexibility at low temperature:	°C -15	Weight Kg/m <sup>2</sup>
MINERAL PL 3,5 KG		3,5
MINERAL PL 4 KG		4
MINERAL PL 4,5 KG		4,5

## USE



## TERMOVAL PL

## Thermo self adhesive membranes

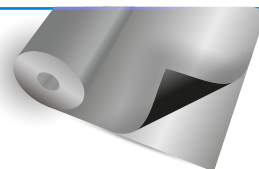
**COMPOUND** The waterproofing compound of TERMOVAL membranes is made up of a mix of empty residue distilled bitumen modified with SBS thermoplastic rubber based on radial elastomers, linear, isoprene hydrocarbon resins, synthetic rubber and stabilizing inert fillers.

**REINFORCEMENT** The reinforcement used for TERMOVAL PL up of a non-woven spunbond polyester mat stabilized with glass fibre.



Flexibility at low temperature:	°C -25	Thickness mm
2 PL		2
3 PL		3
4 PL		4

## USE



## WATERPROOFING PROTECTION

## RUBBERVAL PROTECTION BOARD

## High density elastic resilient mat in pressed and vulcanised granular rubber

Ecological carpet to protect both synthetic and bituminous waterproofing membranes from damages caused by blunt materials, backfilling or any concrete castings.

RUBBERVAL PROTECTION BOARD drastically reduces the risk of perforation of the membrane both during the phase of completion of the roofing and afterwards when the work is completed ensuring its longevity.

RUBBERVAL PROTECTION BOARD is a mat of 950 kg/m<sup>3</sup> density made up of natural and synthetic elastomeric compounds, also coming from the recovery of PFU (out of use tires), bound by polyurethanes polymerized in mass.



	Thickness mm
RUBBERVAL PROTECTION BOARD	2
RUBBERVAL PROTECTION BOARD	3
RUBBERVAL PROTECTION BOARD	4
RUBBERVAL PROTECTION BOARD	5
RUBBERVAL PROTECTION BOARD	6



# ACOUSTIC INSULATION PRODUCTS

## AESSE 2200

### Under flooring acoustic insulation

**DESCRIPTION** Impact sound noise acoustic insulation mat made up with polyester fibres coming from the recycling of PET bottles, coupled on one side with bituminous and polypropylene membrane. The rolls have a 5 cm. lateral selvage. The polyester main characteristics give the product a very good behaviour even as thermal insulation.

AESSE 2200 does not give any handling problems and does not release dangerous substances. It is rot-proof, resistant to moulds and rodents, to UVA and UVB rays, to atmospheric agents.



	Packaging Roll
AESSE 2200	1,05 m x 10 m

## AEFLEX

### Polyethylene band

**DESCRIPTION** AEFLEX is a closed cells polyethylene band, light - waterproof - resistant to moulds with a very high resistance to chemicals attacks and bricks products alkaline reactions (6 mm thickness 50+150 mm height). Already made self-cut to simplify the laying directly in contact between the impact sound noise material (resilient) and the vertical partition (wall), it highlights its durability over time thanks to the new generation compounds, with the function to prevent the vertical and horizontal acoustics transmissions to compromise the efficacy of the previously laid impact sound noise insulation.



	Packaging Roll
AEFLEX	50 m x 20 cm
AEFLEX SR	20 m x 4 cm

## ISOLBAEND AE

### Soundproofing wall band

**DESCRIPTION** Resilient wall cut band for floors decoupling of internal vertical partitions, made up of natural and synthetic elastomeric compounds coming from the recycling of ELT (end of life tyres), bound by masspolymerized polyurethanes.



	Packaging Roll
ISOLBAEND	15 lm x 15/20/30/40 cm

# SPECIAL PRODUCTS

## CARTONVAL

### Cartonfelts

**DESCRIPTION** Bituminous cartonfelt reinforced with paper wool.



Weight/m <sup>2</sup>	Rolls dimension (m)
300	1x20
500	1x20

### USE



## VALFOND

### Protective studded membranes

**DESCRIPTION** High density extruded polyethylene studded protective membrane.



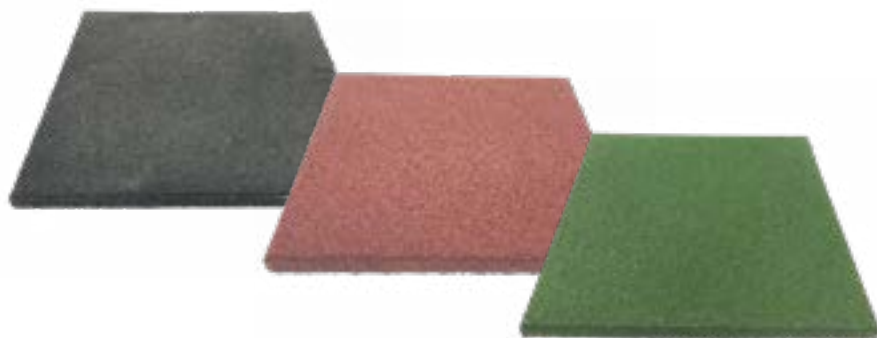
	Rolls dimension (m)
VALFOND	1,5x20
VALFOND	2,0x20
VALFOND	2,4x20
VALFOND	3,0x20

# RUBBER PROTECTION AND WALKWAYS

## AE-PAV

### Rubber tile for outdoor walkways

**DESCRIPTION** Recycled rubber flooring (ELT).



	Thickness mm	Tiles dimensions (mm)
AE-PAV NERO (Black)	20-25	500x500 - 500x1000 - 1000x1000
AE-PAV ROSSO (Red)	20-25	500x500 - 500x1000 - 1000x1000
AE-PAV VERDE (Green)	20-25	500x500 - 500x1000 - 1000x1000

# BITUMINOUS PASTE

## PLANOVAL

**Bituminous paste for the slopes restoration**

**DESCRIPTION** Levelling paste, single-component and ready to use, made of special bitumen in watery dispersion. It can be used for the slopes adjustment and restoration of bituminous supports (smooth or slated bituminous membranes), before the laying of a new waterproofing layer. PLANOVAL can be treated with all the waterproofing liquid membranes of the Valli Zabban range. New bituminous membranes can be applied by flame or cold gluing with VALCOAT.



	Packaging Kg
PLANOVAL	20

## LIQUID WATERPROOFING PRODUCTS

### LIQUIGUM STRONG

**Coloured elastomeric liquid membrane**

**DESCRIPTION** Coloured and elastomeric liquid membrane for the surfaces protection whereas very good waterproofing characteristics and a nice aesthetic aspect are requested.

**AVAILABLE COLOURS** white, red, grey, green, terracotta.

	Packaging Kg
LIQUIGUM STRONG	5
LIQUIGUM STRONG	10
LIQUIGUM STRONG	20



### LIQUIGUM SUPER

**Coloured elastomeric liquid membrane**

**DESCRIPTION** Water based elastomeric liquid membrane, coloured and stagnation resistant, for the surfaces protection whereas very good waterproofing characteristics and a nice aesthetic aspect are requested.

**AVAILABLE COLOURS** white, red, grey, green.

	Packaging Kg
LIQUIGUM SUPER	5
LIQUIGUM SUPER	10
LIQUIGUM SUPER	20



# LIQUID WATERPROOFING PRODUCTS

## LIQUIGUM FIBER

**Coloured elastomeric fibre-reinforced liquid membrane**

**DESCRIPTION** Liquid membrane, elastomeric, fibre-reinforced, water based, coloured, stagnation resistant, for the surfaces protection whereas very good waterproofing characteristics are requested.

**AVAILABLE COLOURS** white, red, grey, green.

	Packaging Kg
LIQUIGUM FIBER	5
LIQUIGUM FIBER	10
LIQUIGUM FIBER	20



## LIQUIGUM PLUS

**Very high quality fibre-reinforced liquid waterproofing**

**DESCRIPTION** Special coloured waterproofing, reinforced with synthetic fibres, water based, with very high resistance to ageing. It is suitable for the waterproofing of surfaces whereas water stagnation and foot traffic are expected.

**AVAILABLE COLOURS** white, red, grey, green.

	Packaging Kg
LIQUIGUM PLUS	5
LIQUIGUM PLUS	10
LIQUIGUM PLUS	20



## LIQUIGUM REFLEX

**Reflecting, water based, waterproofing liquid membrane**

**DESCRIPTION** Water based waterproofing elastomeric liquid membrane, white colour, with very high solar reflection and infra-red emissivity, water stagnation resistant. Ideal also for large surfaces. These characteristics help all the surfaces treated with IDROVAL REFLEX:

- to improve thermal insulation and lower the heat irradiated by the sun;
- energy-saving for conditioning of buildings;
- mitigate the “heat islands” phenomenon;
- energy increase of solar and photovoltaic panels;



	Packaging Kg
LIQUIGUM REFLEX	5
LIQUIGUM REFLEX	10
LIQUIGUM REFLEX	20



# LIQUID WATERPROOFING PRODUCTS

## LIQUIGUM BLACK

**Water based liquid membrane**

**DESCRIPTION** Bituminous water based liquid membrane, elastomeric, waterproofing, tixotropic.

	Packaging Kg
LIQUIGUM BLACK	5
LIQUIGUM BLACK	10
LIQUIGUM BLACK	20



# WATERPROOFING AND UNIVERSAL CLINGING BRIDGES

## IDROVAL ELASTIC

**Waterproofing and universal seize bridge**

**DESCRIPTION** The company's orientation on low impact environmental products and the continuous research of Valli Zabban laboratories led to the making of a product based on very high quality bitumen and polymers in watery emulsion and special components of exceptional characteristics.

IDROVAL ELASTIC is a ready to use very low impact environmental product. It has been specifically formulated to achieve the waterproofing layer and the seize bridge for the application of ceramic floors on terraces, balconies, showers baths and bathrooms wall tiling.

	Packaging Kg
IDROVAL ELASTIC	5
IDROVAL ELASTIC	20



# WATER BASED PAINTS FOR POLYMER BITUMEN MEMBRANES

## ECOPRIMER

**Water based bituminous primer**

**DESCRIPTION** “Over-stabilized”, single-component bituminous paint, with low penetration, in water vehicle and ready to be used.



	Packaging Kg
ECOPRIMER	18

## IDROVAL REFLEX

**White water based paint with high solar reflective properties**

**DESCRIPTION** Water-based elastomeric white-coloured liquid protective membrane, based on special charges and additives which give to the product high solar reflectivity and emissivity to infrared, these characteristics help all the surfaces treated with IDROVAL REFLEX:

- to improve thermal insulation and lower the heat irradiated by the sun;
- energy-saving for conditioning of buildings;
- mitigate the “heat islands” phenomenon;
- energy increase of solar and photovoltaic panels;



	Packaging Kg
IDROVAL REFLEX	20

## IDROVAL REFLEX PROTECT

**Water based transparent protection with low dirt intake**

**DESCRIPTION** IDROVAL REFLEX PROTECT must be applied over the reflecting protection IDROVAL REFLEX. If combined with a periodical cleaning, it ensures a longer duration of the reflecting characteristics of the underlying product.



	Packaging Kg
IDROVAL REFLEX PROTECT	20

# WATER BASED PAINTS FOR POLYMER BITUMEN MEMBRANES

## IDROVAL

**Water paint for bituminous surfaces**

**DESCRIPTION** Water-based coloured product specifically formulated for the protection and/or decoration of prefabricated bitumen polymer membranes.

**AVAILABLE COLOURS** white, red, green, grey.

	Packaging Kg
IDROVAL	25



## IDROVAL ALLUMINIO

**Water paint for bituminous surfaces**

**DESCRIPTION** Water paint pigmented with leafing type aluminium and primarily used to protect prefabricated waterproofing membranes based on polymer bitumen.

	Packaging Kg
IDROVAL ALLUMINIO (Aluminium)	18



## DECORVAL

**Decorative water paint for bituminous - cementitious supports**

**DESCRIPTION** Semi-opaque water paint for foot-traffic areas. It is suitable to protect and improve the appearance of bituminous conglomerate or cement pavements such as: tennis courts, field tracks, alleys and sidewalks.

**AVAILABLE COLOURS** white, red, green.

	Packaging Kg
DECORVAL	25



# WATER BASED BITUMINOUS GLUES

## IDROVAL COAT

Water based bituminous glue

**DESCRIPTION** IDROVAL COAT is an adhesive product, based on bitumen modified with synthetic polymers, for bituminous membranes and insulating panels. The product is completely free from organic solvents, therefore with a quite reduced environmental impact.



	Packaging Kg
IDROVAL COAT	20

## IDROVAL COAT PLUS

Water based bituminous glue

**DESCRIPTION** IDROVAL COAT PLUS is a water based adhesive product, based on bitumen modified with synthetic polymers, for bituminous membranes and insulating panels. Thanks to its formulation it is highly resistant to water and ageing.



	Packaging Kg
IDROVAL COAT PLUS	20

## SHELL TIXOPHALTE

Sealant bituminous glue

**DESCRIPTION** SHELL TIXOPHALTE is a polymer, no chlorine and non-toxic solvent and bitumen based glue. It is ready to use, can be applied cold, it remains smooth even after the total evaporation of its solvent and adheres under water. The uses destinations are: roofing resilience, ponds, pools of water and in particular, gutters, chimneys, ventilation conducts, spotlights, finishing of vertical and horizontal joints, repairing (emergency), protection against corrosion. SHELL TIXOPHALTE adheres to most of the supports provided that they are intact and clean: bricks, concrete (with the exception of plaster regeneration), concrete blocks, PVC, PP, PE, PUR, EPS, metals, glass, bituminous coating..



	Packaging Kg
SHELL TIXOPHALTE DRUM LT 5	x kg
SHELL TIXOPHALTE CARTRIDGE	(24 pcs x box)
SHELL TIXOPHALTE SOFT CARTRIDGE	2 kg



# SOLVENT BASED BITUMINOUS PRIMERS

## VERVAL PRIMER AD

**Solvent based bituminous primer specific for self-adhesive membranes**

**DESCRIPTION** Bituminous paint with elevated covering and protective power based on oxidised bitumen and fast drying solvents.

	Packaging Kg
VERVAL PRIMER AD	5
VERVAL PRIMER AD	10
VERVAL PRIMER AD	20



## VERVAL PRIMER NERO

**Solvent based bituminous primer**

**DESCRIPTION** Bituminous paint based on oxidized bitumen and fast drying solvents with high covering and protecting capacity.

	Packaging Kg
VERVAL PRIMER NERO (Black)	5
VERVAL PRIMER NERO (Black)	10
VERVAL PRIMER NERO (Black)	20



## VERVAL ALLUMINIO

**Solvent-based aluminium paint for polymer bitumen membranes**

**DESCRIPTION** Solvent-based bituminous paint with aluminium for both waterproofing and decorative purposes of old and new polymer bitumen membranes.

After drying, it forms a film that reflects the sun's rays, making an appreciable contribution to the thermal insulation of the protected parts. It does not drip at high temperatures and it is plastic enough to follow the movements and expansion of the polymer-bitumen membranes subjected to the most severe thermal excursions.

	Packaging Kg
VERVAL ALLUMINIO (Aluminium)	5
VERVAL ALLUMINIO (Aluminium)	10
VERVAL ALLUMINIO (Aluminium)	20



# COLD ASPHALT – OXIDIZED BITUMEN COLD CONGLOMERATE

## PASTIVAL

Cold application asphalt

**DESCRIPTION** Protective bituminous paste to be used at room temperature.

	Packaging Kg
PASTIVAL	5
PASTIVAL	10
PASTIVAL	19



## BITOX

Oxidized bitumen

**DESCRIPTION** Oxidized bitumen in bags used for hot application of insulating panels.

	Packaging Kg
80/90	29
110/120	-



## ASFALTIVAL 2.0 REVOLUTION

Cold application conglomerate

**DESCRIPTION** Cold bituminous conglomerate made of Modified Bitumen SBS containing powdered SBR/ NR coming from end of life tyres (ELT).

	Packaging Kg
ASFALTIVAL 2.0 REVOLUTION PORTABILE (lighter bags)	15
ASFALTIVAL 2.0 REVOLUTION PORTABILE (lighter bags)	20
ASFALTIVAL 2.0 REVOLUTION IN SACCHI (bags)	25



## ASFALTIVAL SPECIAL

Cold application conglomerate

**DESCRIPTION** Cold application bituminous conglomerate.

	Packaging Kg
ASFALTIVAL SPECIAL PORTABILE (lighter bags)	15
ASFALTIVAL SPECIAL PORTABILE (lighter bags)	20
ASFALTIVAL SPECIAL IN SACCHI (bags)	25





**AERATORS**  
Ø 75



**CORNERS DRAIN CONNECTORS**  
Ø 80 - Ø 100



**DRAIN CONNECTORS**  
Ø 80 - Ø 100 - Ø 125 - Ø 140



**LEAF GUARDS**



**COMPLETE PROFESSIONAL KIT  
TORCH + REGULATOR +  
RUBBER HOSE**



**JOINT PRESSING ROLLER KG 11**



**ROLLER FOR SELF AND  
THERMO ADHESIVE MEMBRANES**





**HAND JOINT PRESSING ROLLER FOR  
SELF AND THERMO ADHESIVE  
MEMBRANES AND DETAILS**



**CUTTER WITH HOOKED BLADE  
FOR BITUMINOUS MEMBRANES**

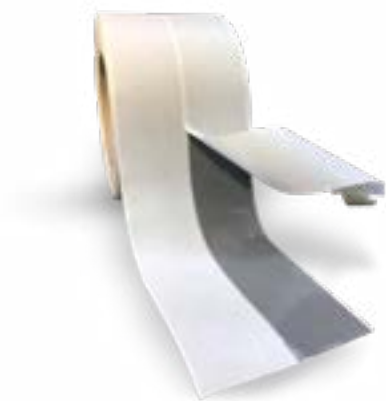


**SPATULA WITH HANDLE  
FOR COLD GLUE APPLICATION**

VZ SEAL BAND

Cold self-adhesive band

**DESCRIPTION** Cold self-adhesive band made of butyl mastic covered with non-woven mat. The non-woven mat allows the product strain. The adhesive side is protected by a peeling support.



	Packaging
VZ SEAL BAND	Roll: 80 mm x 10 m

VZ TECHNO MAT

Reinforcement for liquid waterproofing

**DESCRIPTION** Special polyester fibre sheet.

- non-allergenic
- rot-proof
- weatherproof
- excellent adaptability to all types of surface



	Packaging
VZ TECHNO MAT	Roll mt 100x1

VZ JOINT BAND

Waterproofing cover joint strip

**DESCRIPTION** Waterproof joint cover strip to be used in combination with IDROVAL ELASTIC, LIQUIGUM PLUS, the range of liquid waterproof membranes and modified polymer cementitious coatings. It consists of a strip of thermoplastic copolymer reinforced with non-woven fabric. The product guarantees practicality and simplicity of use, total impermeability to water, good elasticity and high elongation capacity, excellent adhesion thanks to TNT and perforated side bands.



	Packaging
VZ JOINT BAND	Roll mt 50x80 mm

VZ SEAL PAD

Cold self-adhesive butyl element

**DESCRIPTION** Self-adhesive square pad based on butyl mastic covered with non-woven, which allows the deformation of the product. The adhesive side is protected by peel off support.



	Packaging
VZ SEAL PAD	15 Pcs dim. mm 322x322 H 1 mm

## NOTE

[illegible]



*Performance, technologies, and sustainability  
for waterproofing systems.*

# Every goal, with VZ.



Everyone talks about the environment. But if it could speak, what would the environment say? It would say that the goals to achieve are many. Protecting roofs, bridges, and foundations from water for a long time. With the most advanced technologies in respect of man and the planet, there is no waste. And to reach all these goals, it would say that it takes the V and the Z of Valli Zabban.

  
**Valli Zabban**  
WATERPROOFING SYSTEMS

SINCE 1928

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# Valli Zabban

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