



CARTONVAL

Covered bituminous felt

PRODUCT NAME AND 8818 UNI CLASSIFICATION:

CARTONVAL - BOF.41.55.55

DESCRIPTION

Covered bituminous felt.

CONSTRUCTION

- Talc-powder treatment
- Bituminous mass
- Wool paper
- Bituminous mass
- Talc-powder treatment

REINFORCEMENT

Wool paper made up of 40 / 60% animal wool and 60 / 40% vegetable cellulose.

UPPER SIDE FINISHING

Siliceous sand light treatment.

LOWER SIDE FINISHING

Siliceous sand light treatment.

TRANSPORT

Handle with care avoiding overlapping and/or stacking of rolls/pallets.

STORE

Store vertically in well aerated shelter, protect against bad weather conditions and from temperature extremes. Avoid stacking or overlapping of loose rolls/pallets.

LAYING ENVIRONMENTAL CONDITIONS

Laying process of the waterproofing membranes has to be stopped in case of rain, snow, fog and/or when the temperature is lower than +5°C.





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TEST DESCRIPTION	STANDARDS	M / U	VALUES AND TOLERANCES					
			300 g/m ²	400 g/m ²	500 g/m ²	700 g/m ²	1.000 g/m ²	1.200 g/m ²
Length	UNI 8202/3 (EN 1848-1)	m	20 ± 1%	20 ± 1%	20 ± 1%	20 ± 1%	20 ± 1%	20 ± 1%
Width	UNI 8202/4 (EN 1848-1)	cm	100 ± 1%	100 ± 1%	100 ± 1%	100 ± 1%	100 ± 1%	100 ± 1%
Thickness	DIN 52123	kg/m ²	0,35 ± 5%	0,4 ± 5%	0,5 ± 5%	0,7 ± 5%	1,0 ± 5%	1,4 ± 5%
Mass per unit area	DIN 52123	g/m ²	300 ± 7%	330 ± 7%	460 ± 7%	650 ± 7%	950 ± 7%	1.300 ± 7%
Tensile strenght L/T	DIN 52123	N/50mm	≥ 280 ≥ 120	≥ 300 ≥ 120	≥ 330 ≥ 140	≥ 500 ≥ 200	≥ 550 ≥ 250	≥ 350 ≥ 140
Breaking elongation L/T	DIN 52123	%	≥ 1 ≥ 1,5	≥ 1 ≥ 1,5	≥ 1 ≥ 1,5	≥ 1 ≥ 1,8	≥ 1 ≥ 1,8	≥ 1 ≥ 2,5
Flexibility at low temperature	DIN 52123	°C	0	0	0	0	0	0
Flow resistance at elevated temperature	DIN 52123	°C	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
Permeability to water vapour	ASTM 398 / 83	g/m ² x 24h	220	195	155	120	100	Not found
Packaging (rolls on pallet)	-	Number	99	90	80	56	42	30

In conformity with the Law 285/98 the product does not contain any dangerous substances. As per UNI EN 13707 (October 2004) the value > 20.000 can be assumed as factor of resistance to water vapour passing through this membrane. The polymer bitumen membranes manufactured by Valli Zabban S.p.A. are based on bitumen coming from crude oil distillation and do not contain coal tar, asbestos, chlorine, used and/or re-refined oils, they are recyclable and not a dangerous waste. The polymer bitumen membrane which this data sheet refers to is not subject to the obligation of safety profile issuing. An informative data sheet for a correct use of the product is available on request.

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