

Rubberval

Description	High density elastic – resilient mat made of pressed and vulcanised granular rubber
	RUBBERVAL is an ecological mat designed to protect both synthetic and bituminous waterproof membranes from damages caused by blunt objects, landfills or any concrete casting. RUBBERVAL drastically reduces the risks of membranes perforation, both during the phase of completion of the roofing and afterwards when the work is completed, ensuring its durability.
Composition	RUBBERVAL is a 750 kg/m ³ density mat made up of natural and synthetic elastomeric compounds, coming from the recycling of E.L.T. (end of life tyres), bound by mass-polymerized polyurethanes.
Use	Protection
Certificate and classification	Rubberval is classified as a protective layer in accordance with DIN 18195, part 10 / Cert. n° 078-09-the TR for thermal properties.
Advantages	<ul style="list-style-type: none"> - Excellent mechanical protection - Immediately walkable after installation - Excellent mechanical resistance to blunt objects impact - Very high dimensional stability - Strong resistance to abrasions and tearing - Rot-proof, resistant to mould and dampness - Eco-friendly because made of recycled rubber - Easy to install



Property	Test Method	Unit	Value	Tolerance
Rubber thickness	EN 13849-1	mm	6 / 8 / 10	±10%
Rubber density	-	Kg/m ³	750	±7%
Tensile strength at max	EN ISO 1798	L x T (N/50mm)	0,42	±10%
Elongation at max	EN ISO 1798	L x T (%)	46	±10%
Static load	EN 12 730 – Method B	Kg	40 / 45 / 50	≥
Resistance to impact	EN 12691 – Method A	mm	2250	≥
Heat resistance	-	(°C)	+80	≥
Reaction to fire	EN 13501-1	-	F	-
Thermal conductivity λ	UNI EN 12667	W/mK	0,1226	-
Shore A - hardness	-	-	50	-

Chemical

Resistance to microbes	Resistance to fungi, insects and microbes attacks
Chemical interaction	Highly resistant to acids and alkaline detergents, rot-proof
Electrostatics	Does not accumulate static charge and prevent interaction between materials
Eco-sustainability	100% recyclable

Packaging

Thickness	mm	6	8	10
Roll height	mm	1250	1250	1250
Roll length	m	10	8	6
Roll Weight	kg	60	64	60
Rolls x pallets	pcs	11	11	11
Pallet dimension	cm	120 x 90 (europallet)		

Storage

This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.

Modifications

Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the updated technical data sheet, please contact our technical department.