

Technical Information

TECTOFIN[®] RV



TECTOFIN RV is a homogeneous, fabric-backed roofing membrane (patent pending) which is based on acrylic synthetic rubber and has been tested in compliance with DIN 16726. TECTOFIN RV is manufactured by extrusion and is factory-finished with a fabric-free welding edge.

TECTOFIN RV has a light surface.

TECTOFIN RV has been particularly designed for use with new buildings and on large areas.

TECTOFIN RV is certified according to EN 13956 und EN 13967. Approvals according to EN 13501-1 (E), as well as ENV 1187 / EN 13501-5 (B_{ROOF} (t1)).

TECTOFIN[®] RV offers the following features:

<ul style="list-style-type: none">• backed with a polyester fabric• anti-microbial action• ozone- and UV-resistant• highly stable/flexible at low temperatures• extremely tearproof	<ul style="list-style-type: none">• bitumen-resistant• suited for solvent and hot-air welding• mouldable when warm (TECTOFIN[®] R)• resistant to penetration by plant roots• recyclable
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Types and application areas of TECTOFIN[®] RV:

Width: 1100 mm and 1620 mm

Thickness: 2.2 mm and 2.5 mm

New buildings: - bonded lay (use of roofing membrane adhesive)
- mechanical fastening
- loose lay under a protective ballast layer

Colours: titan-grey, grey and white

System parts etc.:

<ul style="list-style-type: none">• inner and outer corners• homogeneous roofing material for forming details (TECTOFIN[®] R)• TECTOFIN RV 2R with two welding areas for detailing	<ul style="list-style-type: none">• composite sheets• assembly adhesive for connection bonding• large-surface adhesive
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Product information EN 13956

freiliegende Verlegung (mechanisch befestigt)
exposed application (mechanical fastened)
unter Auflast (Kies/Begrünung/Verkehrsflächen o.ä.)
covered application (gravel, greenroof)

and

Product information EN 13967

Feuchtigkeitssperre *damp proof sheets*
Grundwassersperre *basement tanking*

Eigenschaft	performance	Prüfnorm test standard	Einheit unit	Angaben details	Ergebnis ** results**	
					2,2 mm	2,5 mm
Äußere Beschaffenheit	Visible defects	DIN EN 1850-2	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Länge	Length	DIN EN 1848-2	m	MDV	20	15
Breite	Width		m	MDV	1,1/1,62	1,1/1,62
Geradheit	Straightness		mm	MLV	≤ 50	≤ 50
Planlage	Flatness		mm	MLV	≤ 10	≤ 10
Flächengewicht	Mass per unit area	DIN EN 1849-2	kg/m ²	MDV	1,65	2
Effektive Dicke	Effective thickness		mm	MDV	1,2	1,5
Wasserdichtigkeit	Water tightness	DIN EN 1928 B	kPa	MLV	erfüllt/passed	erfüllt/passed
Brandverhalten	External fire protection	DIN ENV 1187	-	Anhang E	B _{ROOF} (T1)*	B _{ROOF} (T1)*
Brandverhalten	Reaction to fire	DIN EN 13501-1	-	s. 5.2.5.2	E	E
Schälwiderstand der Fügenaht	Joint peel resistance	DIN EN 12316-2	N/50 mm	MLV	≥ 250	≥ 250
Scherwiderstand der Fügenaht	Joint shear resistance	DIN EN 12317-2	N/50 mm	MLV	≥ 500	≥ 500
Zugfestigkeit	Tensile strenght	DIN EN 12311-2	N/50 mm	MLV	≥ 600	≥ 600
Dehnung	Elongation		%	MLV	≥ 10	≥ 10
Perforationsverhalten Verfahren A) Verfahren B)	Resistance to impact Method A) Method B)	DIN EN 12691 DIN EN 12691	mm mm	MLV MLV	500 500	600 600
Widerstand gegen statische Belastung	Resistance to static load	DIN EN 12730 Methode B	kg	MLV	≥ 20	≥ 20
Dauerhaftigkeit Wasserdichtheit gegen Alterung	Durability watertightnes against aging	DIN EN 1296 nach DIN EN 1928	-	erfüllt/passed	erfüllt/passed	erfüllt/passed
Dauerhaftigkeit Wasserdichtheit gegen Chemikalien	Durability watertightnes against chemicals	DIN EN 1847 nach DIN EN 1928		erfüllt/passed	erfüllt/passed	erfüllt/passed
Weiterreißwiderstand Nagelschaft	Resistance to nail tear	DIN EN 13859-1	N	MLV	≥ 500	≥ 500
Weiterreißwiderstand	Tear resistance	DIN EN 12310-2	N	MLV	≥ 250	≥ 250
Wurzelfestigkeit	Resistance to root penetration	DIN EN 13948		erfüllt/passed	erfüllt/passed	erfüllt/passed
Maßänderung nach Warmlagerung	Dimensional stability	DIN EN 1107-2	%	MLV	≤ 1,0	≤ 1,0
Falzen in der Kälte	Foldability at low temperature	DIN EN 495-5	°C	MLV	≤ -20	≤ -20
UV-Beanspruchung	UV exposure	DIN EN 1297	visuell	erfüllt/passed	erfüllt/passed	erfüllt/passed
Hagelschlagbeständigkeit	Hail resistance	DIN EN 13583	m/s	MLV	≥ 25	≥ 25
Wasserdampfdurchlässigkeit	water vapour properties	DIN EN 1931	-	μ = MDV oder 15000	20.000 ± 5.000	20.000 ± 5.000
Bitumenverträglichkeit	Exposure to bitumen	DIN EN 1548 90 d / 70°C	-	erfüllt/passed	erfüllt/passed	erfüllt/passed

**Deklaration /
Erklärung:**

MDV = manufacturer's declared value (Herstellerangabe mit Toleranz)
MLV = manufacturer's limiting value (Grenzwert des Herstellers)
NPD = no performance determind (keine Leistung festgelegt)

Information für Anwender * Klassifizierung gemäß EN 13501-5, Klassifizierung weiterer Prüfaufbauten nach DIN 4102-7 vorhanden.

Information for customer* Classification accor g EN 13501-5, further classifications accor g german 4102-7 available

This Technical Data Sheet was produced according to the latest technical knowledge and standards of WOLFIN Bautechnik, Am Rosengarten 5, D-63607 Wächtersbach. Technical changes due to further developments are possible.