

Technical Information

TECTOFIN® RV



TECTOFIN RV is a homogeneous, fabric-backed roofing membrane which is based on acrylic synthetic rubber and has been tested in compliance with EN 13956 and EN 13967. 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.

Messrs. Henkel AG&Co KGaA, Bautechnik Deutschland are certified according to DIN EN ISO 9001, DIN EN ISO 14001 and EU Öko-Audit-Regulation.

TECTOFIN® RV offers the following features:

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

TECTOFIN® RV	homogeneous membrane with fabric backing Testing / Test conditions according to DIN 16726 Meets the requirements of DIN 16736
Membrane width:	1100 mm, 1620 mm
Nominal thickness:	2.2 mm, 2.5 mm
New buildings	- bonded lay (use of roofing membrane adhesive) - mechanical fastening - loose lay under a protective ballast layer

Colour: white / grey / dark grey

Selected system components:

<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"> TECTOFIN RA duo, two colour (white/grey) membrane, reinforced, for detailing Composite sheets Assembly adhesive for connection bonding Large-surface adhesive
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Technical hotline, phone: +49 / 6053 / 708141

This technical data sheet was produced according to the latest technical knowledge and standards of Henkel AG & Co KGaA, Bautechnik WOLFIN, Wächtersbach. Technical changes due to further developments are possible.

1349
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1349 CPD 012 + 1349 CPD 015

Technical Information TECTOFIN® RV**Produktdaten gem. DIN EN 13956**

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

und

Produktdaten gem. DIN EN 13967

Feuchtigkeitssperre *damp proof sheets*
 Grundwassersperre *basement tanking*

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

* Informationen zu den geprüften Systemaufbauten sind beim Hersteller erhältlich.

Erläuterung: MDV = manufacturer's declared value (Herstellerangabe mit Toleranz)
 MLV = manufacturer's limiting value (Grenzwert des Herstellers)

** Value of new material

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