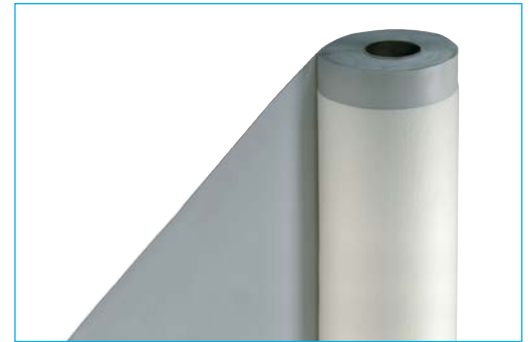


# Tectofin RV

BITUMEN-COMPATIBLE, FLEECE-BACKED SYNTHETIC ROOFING AND WATERPROOFING MEMBRANE BASED ON A PATENTED COMBINATION OF HIGH-POLYMER SYNTHETIC WITH RUBBER. ESPECIALLY DESIGNED AND CONCEIVED FOR NEW BUILDINGS AND LARGE AREAS.

TYPE OF MEMBRANE AND APPLICATION AREAS		
Tectofin RV	Homogeneous membrane with laminated fleece backing and welding edge	
Membrane width	1,100 mm / 1,620 mm	
Nominal thickness	2.5 mm / 3.0 mm*	
Colour	Grey	
New buildings and refurbishments	<ul style="list-style-type: none"> <li>▪ Bonded installation with Teroson roofing membrane adhesive (Teroson EF TK 400)</li> <li>▪ Loose-laid under ballast</li> </ul>	
Tectofin RV is certified, approved and classified according to	<ul style="list-style-type: none"> <li>▪ EN 13956 CE Waterproofing of Roofs</li> <li>▪ EN 13967 CE Waterproofing of Buildings</li> <li>▪ Fulfils all German requirements (DIN standards) for waterproofing of roofs and buildings</li> <li>▪ Fulfils UK requirements according to BBA (certificate 09/4620)</li> <li>▪ EN 13501-1 (Class E)</li> </ul>	<ul style="list-style-type: none"> <li>▪ CEN/TS 1187</li> <li>▪ Reaction to fire: B<sub>roof</sub> (t1) (EN 13501-5) valid for the respective tested roof structure</li> <li>▪ LEED v4 (Leadership in Energy and Environmental Design)</li> <li>▪ EN 15804 (EN 15804 Environmental Product Declaration (EPD))</li> </ul>
Characteristics of Tectofin RV	<ul style="list-style-type: none"> <li>▪ Polyester fleece-backed</li> <li>▪ Highly resistant to cold / flexible at low temperatures</li> <li>▪ Extremely tear proof</li> <li>▪ Bitumen compatible</li> <li>▪ Free of chemical flame retardants</li> </ul>	<ul style="list-style-type: none"> <li>▪ Suitable for hot-air and solvent welding</li> <li>▪ Workable at warm temperatures (Tectofin R)</li> <li>▪ Resistant to roots and rhizomes according to FLL test method</li> <li>▪ Recyclable</li> </ul>
System parts and accessories	<ul style="list-style-type: none"> <li>▪ Homogeneous material for forming structural details (Tectofin R)</li> <li>▪ Connecting membrane with fabric reinforcement (Tectofin RG)</li> <li>▪ Stainless-steel system elements</li> <li>▪ Internal and external corners</li> </ul>	<ul style="list-style-type: none"> <li>▪ Coated metal sheets (plates/coils)</li> <li>▪ Lightning protection elements</li> <li>▪ System adhesives (Teroson AD 914, Teroson AD Adhesive Spray)</li> <li>▪ Roofing membrane adhesive Teroson EF TK 400</li> </ul>



\* on request

## TECHNICAL DATA

Product information according to  
**EN 13956**

- Exposed application (bonded)
- Under ballast (gravel, green roofing, traffic areas or similar)

**EN 13967**

- Damp-proof sheets
- Basement tanking sheets

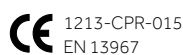
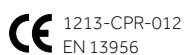
Characteristic	Testing standard	Unit	Details	Result* 2.5 mm	Result* 3.0 mm
Visible defects	EN 1850-2	-	passed	passed	passed
Length	EN 1848-2	m	MDV	15	15
Width	EN 1848-2	m	MDV	1,1 / 1,62	
Straightness	EN 1848-2	mm	MLV	≤ 50	≤ 50
Flatness	EN 1848-2	mm	MLV	≤ 10	≤ 10
Mass per unit area	EN 1849-2	kg/m <sup>2</sup>	MDV	2,0	2,65
Effective thickness	EN 1849-2	mm	MDV	1,5	2,0
Watertightness	EN 1928 Method B	kPa	MLV	passed	passed
External fire performance	CEN/TS 1187	-	-	B <sub>Roof</sub> (t1)	
Reaction to fire	EN 13501-1	-	-	Class E	Class E
Joint peel resistance	EN 12316-2	N/50 mm	MLV	≥ 250	≥ 250
Joint shear resistance	EN 12317-2	N/50 mm	MLV	≥ 500 (tear-off outside the joint)	
Tensile strength longitudinal and transversal	EN 12311-2	N/50 mm	MLV	≥ 600	≥ 600
Elongation longitudinal and transversal	EN 12311-2	%	MLV	≥ 10	≥ 10
Resistance to impact Method A	EN 12691	mm	MLV	500	500
Method B	EN 12691	mm	MLV	500	500
Resistance to static load	EN 12730 Method B	kg	MLV	≥ 20	≥ 20
Durability of watertightness against ageing	EN 1296 EN 1928	-	passed	passed	passed
Durability of watertightness against chemicals	EN 1847 EN 1928	-	passed	passed	passed
Resistance to nail tear	EN 12310-1	N	MLV	≥ 500	≥ 500
Tear resistance longitudinal and transversal	EN 12310-2	N	MLV	≥ 250	≥ 250
Resistance to root penetration	EN 13948	-	passed	passed	passed
Dimensional stability after warm storage longitudinal and transversal	EN 1107-2	%	MLV	≤ 1,0	≤ 1,0
Foldability at low temperature	EN 495-5	°C	MLV	≤ -20	≤ -20
UV exposure	EN 1297	visual	passed	passed	passed
Hail resistance	EN 13583	m/s	MLV	≥ 25	≥ 25
Water vapour permeability	EN 1931	μ	MDV or 15,000	20,000 + 5,000	
Bitumen compatibility	EN 1548	-	passed	passed	passed

MDV = manufacturer's declared value

MLV = manufacturer's limiting value

\* Values in new condition

Date: 05.2019. This technical data sheet was produced according to the latest technical knowledge and standards. Technical changes due to further developments are possible.



You can find the declarations of performance  
on our website [www.wolfin.com](http://www.wolfin.com) / Downloads.

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