

Tectofin SK

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

TYPES AND APPLICATION AREAS

Tectofin SK	With glass fleece inlay + fleece backing with cold-bonding self-adhesive coating, with welding edge
Membrane width	1.620 mm
Nominal thickness	2.6 mm
Colour	Grey
New buildings	Bonded application also on unlaminated polystyrene insulation, type EPS DAA dh and dm



Tectofin SK is certified, approved and classified according to

- EN 13956 CE Waterproofing of Roofs
- EN 13501-1 (Class E)
- Fulfils all German requirements (DIN standards) for waterproofing of roofs
- CEN/TS 1187

Characteristics of Tectofin SK

- Polyester fleece-backed with cold-bonding self-adhesive coating
- Bitumen compatible
- With glass fibre inlay
- Free of chemical flame retardants
- Ozone and UV resistant
- Suitable for hot-air and solvent welding
- Highly resistant to cold / flexible at low temperatures
- Workable at warm temperatures (Tectofin R)
- Highly tear resistant
- Resistant to roots and rhizomes according to FLL test method
- Recyclable

System parts and accessories

- Homogeneous membrane material for forming structural details (Tectofin R)
- Internal and external corners
- Tectofin SK membrane strips
- Coated metal sheets (plates/coils)
- Connecting membrane with fabric reinforcement (Tectofin RG)
- Stainless-steel system parts
- Lightning protection elements

TECHNICAL DATA

Product information according to
EN 13956

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

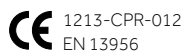
Characteristic	Testing standard	Unit	Details	Result* 2.6 mm
Visible defects	EN 1850-2	-	passed	passed
Length	EN 1848-2	m	MDV	12,5
Width	EN 1848-2	m	MDV	1,62
Straightness	EN 1848-2	mm	MLV	≤ 50
Flatness	EN 1848-2	mm	MLV	≤ 10
Mass per unit area	EN 1849-2	kg/m ²	MDV	2,0
Effective thickness	EN 1849-2	mm	MDV	1,5
Watertightness	EN 1928 Method B	kPa	MLV	passed
External fire performance	CEN/TS 1187	-	-	B _{roof} (t1)
Reaction to fire	EN 13501-1	-	-	Class E
Joint peel resistance	EN 12316-2	N/50 mm	MLV	≥ 250
Joint shear resistance	EN 12317-2	N/50 mm	MLV	≥ 500
Tensile strength longitudinal and transversal	EN 12311-2	N/50 mm	MLV	≥ 600
Elongation longitudinal and transversal	EN 12311-2	%	MLV	≥ 10
Resistance to impact Method A	EN 12691	mm	MLV	≥ 600
Method B	EN 12691	mm	MLV	≥ 600
Resistance to static load	EN 12730 Method A	kg	MLV	≥ 20
Durability of watertightness against ageing	EN 1296 EN 1928	-	passed	passed
Durability of watertightness against chemicals	EN 1847 EN 1928	-	passed	passed
Resistance to nail tear	EN 12310-1	N	MLV	≥ 500
Tear resistance longitudinal and transversal	EN 12310-2	N	MLV	≥ 250
Resistance to root penetration	EN 13948	-	passed	passed
Dimensional stability longitudinal and transversal	EN 1107-2	%	MLV	≤ 1,0
Foldability at low temperature	EN 495-5	°C	MLV	≤ -20
UV exposure	EN 1297	visual	passed	passed
Hail resistance	EN 13583	m/s	MLV	≥ 25
Water vapour permeability	EN 1931	μ	MDV or 15.000	20.000 ± 5.000
Bitumen compatibility	EN 1548	-	passed	passed

MDV = manufacturer's declared value

MLV = manufacturer's limiting value

* Values in new condition

Date: 01.2020. This technical data sheet was produced according to the latest technical knowledge and standards. Technical changes due to further developments are possible.



Technical support

You can find the declarations of performance on our website www.bmigroup.com/de/ / Downloads.

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