



Product data sheet 890-1-2

Page 1 of 3 / As at: 06-2016

Certification number: 1724 - CPR - 041101
1724 - CPR - 042101



Product trade name: **PARVITA Classic**
root protection polymer bitumen torch-on membrane

Product number: 12107

Product standard: *) DIN EN 13707
DIN EN 13969

Labelling: *) DO / E 1 PYE-PV 200 S 5 according to DIN V 20000-201
BA / PYE-PV 200 S5 according to DIN V 20000-202

Length, width: 5.00 m x 1.08 m
Thickness: 5.20 mm
Coating type: Polymer bitumen
Content of solubility: N/A
Reinforcement: Polyester fleece
Min. weight of reinforcement: 250 g/m²

Polymer bitumen torch-on membrane with polyester fleece. Used as a top layer of roof insulation as well as to waterproof buildings against rising damp and water.

Characteristics according to DIN EN 13 707, DIN EN 13 969	Test method/ Classification	Units	Requirements/ Critical Value
Visible defects	DIN EN 1850-1	-	No visible defects
Length	DIN EN 1848-1	m	≥ 5.00
Width	DIN EN 1848-1	m	≥ 1.08
Straightness	DIN EN 1848-1	mm/10 m	≤ 20
Mass per unit area	DIN EN 1849-1	kg/m ²	Unverifiable result
Thickness	DIN EN 1849-1	mm	≥ 5.20
Water tightness at 200 kPa test pressure	DIN EN 1928 Method B	-	Passed
External fire performance	DIN V ENV 1187	-	See testing of the system
Reaction to fire	DIN EN ISO 11925-2	-	Class E according to DIN EN 13501-1
Water tightness after stretching at low temperatures	DIN EN 13897	-	Unverifiable result

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Page 2 of 3 / As at: 06-2016

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Peel resistance of joint	DIN EN 12316-1	N/50 mm	Unverifiable result
Shear Resistance of joint	DIN EN 12317-1	N/50 mm	Unverifiable result
Tensile properties: maximum tensile force	DIN EN 12311-1	N/50 mm	≥ 1100 / 900
Tensile: elongation	DIN EN 12316-1	%	40 / 40 ± 10 %
Resistance to impact	DIN EN 12691	mm	Unverifiable result
Resistance to static loading	DIN EN 12730	kg	Unverifiable result
Resistance to tearing	DIN EN 12310-1	N	Unverifiable result
Resistance to root penetration	DIN EN 13948	-	Root resistant
Dimensional stability	DIN EN 1107-1	%	-
Form stability under cyclic temperature change	DIN EN 1108	%	Unverifiable result
Flexibility at low temperatures	DIN EN 1109	°C	≤ - 30
Flow resistance at elevated temperatures	DIN EN 1110	°C	≥ + 120
Artificial aging DIN EN 1296	DIN EN 1109 or DIN EN 1110	°C °C	Unverifiable result Unverifiable result
Adhesion of granules	DIN EN 12039	%	-
Water vapour transmission properties	DIN EN 1931	-	-

Customer Information:

Purpose:

The **PARVITA Classic root protective polymer bitumen torch-on membrane** is the final waterproofing layer as well as a reliable root protection on an extensive or intensive green roof. The membrane, with a polyester fleece reinforcement, has polymer top layers with root repellent additives.

PARVITA Classic root protective polymer bitumen torch-on membranes are considered impenetrable to roots and rhizomes according to FLL-testing.

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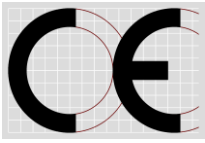
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Application:

The application of a **PARVITA Classic root protective polymer bitumen torch-on membrane** is carried out in accordance with DIN 18531, the nationally valid "Regulations for roofs with sealant – flat roof regulation" and the technical regulations for planning and execution of waterproofing with polymer and bitumen membranes "abc of bitumen membranes" as well as DIN 18195.

The membrane has to be fully torched on. It needs to be applied with a seam overlap of at least 8 cm and a joint overlap of at least 10 cm. A leak test has to be carried out on the overlaps!

Loose application or application with concealed mechanical fixing of the membrane as well as the dot and striped adhesion or torching-on of the membrane on the surface with additional adhesion or torching-on of the seams and joint overlaps can lead to wave development if the outside or surface temperature is low.

Advise:

The colour of the coating on the top can change over its useful life depending on natural weathering processes and other external influences and pollution.

Chemical resistance:

PARVITA Star root protective polymer bitumen torch-on membranes are resistant to water and watery solutions of salt as well as diluted, non-oxidising acids and bases. Aliphatic and aromatic hydrocarbons as well as chlorine hydrocarbons, oils and greases loosen **PARVITA Star root protective polymer bitumen torch-on membranes**.

Storage:

Store upright in a cool and dry place.

Safety data sheet:

Supplementary safety data sheet is available on request.

*) Please note:

This product complies with different European product standards as well as national application and construction standards.

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