Certification number: 1724 - CPR - 041101
1724 - CPR - 041201

Product trade name:	**POLY-Elast PV 200 S 5, mineral fine** **Elastomer bitumen torch-on membrane**
Product-number:	11229
Product-standard:	DIN EN 13707 DIN EN 13969
Labelling: *)	DU / E 1 PYE-PV 200 S 5 acc. to DIN SPEC20000-201 BA / PYE-PV 200 S 5 acc. to DIN SPEC 20000-202
Length, width:	5.00 m x 1.00 m
Thickness:	5.00 mm
Coating type:	Elastomer bitumen
Content of solubility:	N/A
Reinforcement:	Polyester fleece
Min. weight of reinforcement:	250 g/m²

Polymer bitumen torch-on membrane with polyester fleece reinforcement as the bottom layer of roof insulation and
Polymer bitumen torch-on membrane with polyester fleece reinforcement to seal 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 m
Width	DIN EN 1848-1	m	≥ 1.00 m
Straightness	DIN EN 1848-1	mm/10 m	≤ 20
Mass per unit area	DIN EN 1849-1	kg/m²	unverifiable result
Thickness	DIN EN 1849-1	mm	≥ 5.00
Water tightness at 200 kPa test pressure	DIN EN 1928 Method B	-	passed
Water tightness	DIN EN 1928 Method A	-	passed
External fire performance	DIN V ENV 1187	-	see testing of system
Reaction to fire	DIN EN ISO 11925-2	-	Class E according to DIN EN 13501-1

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Characteristics according to DIN EN 13 707, DIN EN 13 969	**Test method/ Classification**	**Units**	**Requirements/ Critical value**
Water tightness after stretching at low temperatures	DIN EN 13897	-	unverifiable result
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	≥ 800/800
Tensile: elongation	DIN EN 12316-1	%	≥ 35/35
Resistance to impact	DIN EN 12691	mm	unverifiable result
Resistance to static loading	DIN EN 12730	kg	unverifiable result
Resistance to static loading Method B	DIN EN 12730	kg	unverifiable result
Resistance to tearing (nail shank)	DIN EN 12310-1	N	unverifiable result
Resistance to root penetration	DIN EN 13948	-	-
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	≤ - 25
Flow resistance at elevated temperatures	DIN EN 1110	°C	≥ + 100
Artificial aging DIN EN 1296	DIN EN 1109 or DIN EN 1110	°C °C	unverifiable result unverifiable result
Longevity of water tightness against artificial aging	DIN EN 1928	-	unverifiable result
Longevity of water tightness against chemicals	DIN EN 1928	-	unverifiable result
Adhesion of granules	DIN EN 12039	%	-
Water vapour transmission properties	DIN EN 1931	-	-
Hazardous contents	-	-	-

Customer information:

Purpose:

POLY-Elast PV 200 S5, mineral coated, is a polymer bitumen torch-on membrane. In the build up of the flat roof system this membrane is used as a waterproof layer on any angle and also used together with other polymer bitumen membranes or bitumen underlay membranes acc. to DIN 18531, DIN 18532, DIN 18533, DIN 18534 and DIN 18535.

Application:

The application of **POLY-Elast PV 200 S5, mineral coated,** is carried out in accordance with DIN 18531, DIN 18532, DIN 18533, DIN 18534, DIN 18535, the nationally valid “Regulations for roofs with sealant – flat roof regulations” and the “abc of bitumen membranes”. The whole membrane is torched-on with an 8 cm joint overlap.

Chemical resistance:

POLY-Elast PV 200 S5, mineral coated, is water-resistant as well as resistant to watery solutions of salt, diluted non oxidising acids and bases. Aliphatic and aromatic hydrocarbons as well as chlorine hydrocarbons, oils and greases loosen **POLY-Elast PV 200 S5, mineral coated**.

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 various European product standards as well as national application and construction standards.

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