



EshaFlex mineral

Articlenumber: 425322

General information

EshaFlex mineral is a high quality reinforced bituminous SBS membrane. The polyester reinforcement is coated with an SBS bitumen. This results in a flexible and smooth application with outstanding elastic properties. EshaFlex mineral is a capsheet in a multi-layer roofing system.

Application

Top-layer in a multi-layer roofing system, for new buildings and renovation. Torch applied.

Certificates

NL-BSB: BD 067, CE-0958, DB-44/2005(Lt), DB-42/2005(Lt), BDA approved production.

Directions for application

According to guideline/prescription given by Icopal b.v

Delivery Conditions

Delivery form

15 rolls EshaFlex mineral in vertical position, shrink-wrapped on a one-way pallet (80 X 120)

Storage and transport

EshaFlex mineral has to be stored in an upright position on a smooth level and dry surface: temperature between 0 and 40°C; avoid direct sunlight

Product identification

Information on the roll: EshaFlex mineral, Art.nr. 425322

Imported by UAB Alota,

Producer: Icopal b.v.

Production date, place.



0958

Icopal B.V., Hoendiep 316, NL-9744 TC Groningen,
The Netherlands

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0958 – CPD – DK013

Product specifications

EN 13707

Appearance top side	Grey slate with an overlap film
Reinforcement	Polyesterfleece glas yarn-reinforced
Appearance bottom side	PE-film

Product specifications	Method	Unit	Result	Tolerance
Mass per roll	EN 1849-1	kg	49,0	Indicative value
Roll length	EN 1848-1	m	10	- 0
Width	EN 1848-1	m	1	- 0
Thickness (on the mineral)	EN 1849-1	mm	4,2	+/- 0,2
Selvedge width		mm	80 mm	+/- 5 mm
Mass	EN 1849-1	kg/m ²	4,9	Indicative value
Mass of reinforcement	EN 29073-1	g/m ²	180	Indicative value
External fire performance	EN 13501-5	Brooft1	DB-44/2005(Lt), DB-42/2005(Lt).	-
Reaction to fire	EN 13501-1	-	Class F	-
Watertightness	EN 1928(B)	10 kPa	Pass	-
Water vapour resistance	EN 1931	μ	20000	-
Tensile strength MD	EN 12311-1	N/50mm	800	+/- 20%
Tensile strength CD	EN 12311-1	N/50mm	600	+/- 20%
Elongation MD	EN 12311-1	%	40	+/- 15%(L/L)
Elongation CD	EN 12311-1	%	40	+/- 15%(L/L)
Dimensional stability	EN 1107-1	%	0,5	+ 0%
Resistance to root penetration	EN 13948	-	n.a.	-
Resistance to static loading	EN 12730	kg	NPD	- 0
Resistance to impact	EN 12691	mm	NPD	- 0
Resistance to tearing (nail shank)	EN 12310-1	N	NPD	- 0
Peel resistance of joint	EN 12316-1	N/50mm	NPD	- 0
Shear resistance of joint	EN 12317-1	N/50mm	NPD	- 0
Flexibility at low temperature	EN 1109	°C	-20	+ 0°C
- after artificial ageing (12 weeks 70°C)	EN 12 96 + 1109	°C	ΔT ≤ 10	+ 0°C
Flow resistance at elevated temperature	EN 1110	°C	100	- 0°C
- after artificial ageing (12 weeks 70°C)	EN 12 96+1110	°C	ΔT ≤ 10	- 0°C
Adhesion of Granules	EN 12039	%	≤ 30	- 0