EFFISUS BRAZE MEMBRANE

DESCRIPTION

Elastomer sheets for facade sealing from Ethylen-Propylen-Dien-Terpolymer (EPDM), homogeneous, cured without fleece-backing.
Elastomer sheets for facade waterproofing.

TECHNICAL DATA

Technical data	Test Method	Unit	Value	Expression of result
Fire Reaction (Building Facade)	EN 13501-1	-	Class B, s1, d0	Pass
Test Report: RI 63/LFF/10 of 25/09/2010				

SBI Fire Tests of examination on the reaction to fire of facade prototype with Effisus Braze Membrane, glass and aluminium, in accordance with EN ISO 11925-2 and EN 13823, with **direct flame exposure time of 1254s**.

Fig. 1 – SBI Fire Test

The material classification is in accordance with EN 13501-1:2009. It was verified a very limited contribuition to fire conflagration (B class), a minimum smoke production (s1) and no flaming droplets/ particles (d0).

Test Method

Fire behaviour		Smoke Production			Flaming droplets	
B	-	S	1	,	d	0

Test Report
RI 63/LFF/10 of 25/09/2010

TECHNICAL DATA

Technical data	Standard	Unit	Value	Expression of result
Watertightness	EN 1928 (B)		Passed	MLV
Joint peel resistance	EN 12316-2	N/50mm	≥ 190	MLV
Joint shear resistance	EN 12317-2	N/50mm	≥ 250	MLV
Tensile strength	EN 12311-2	N/mm2	≥ 6	MLV
Elongation	EN 12311-2	%	≥ 250	MLV
Resistance to static load	EN 12730 (B)	kg	≥ 20	MLV
Resistance to impact	EN 12691 (B)	mm	≥ 1000	MLV
Tear resistance	EN 12310-2	N	≥ 25	MLV
Hail resistance	EN 13583	m/s	≥ 17	MLV
Dimensional stability	EN 1107-2	%	≤ 0.5	MLV
Foldability at low temperature	EN 495-5	ºC	≤ -40	MLV
UV exposure	EN 1297	-	Passed	Passed
Resistance to root penetration	prEN 13948	-	Evidence not required	
Water vapour properties μ	EN 1931	-	90.000 ± 30%	MDV
Reaction to fire	EN 13501-1	-	Class E	Passed
Ozon resistance	EN 1844	-	Passed	Passed
Exposure to bitumen	EN 1548	-	Passed	Passed
External fire performance	EN 1187	-	B_{roof} t1	a) Fulfilled

a) The external fire performance test leading to B_{roof} t1 depends on the constructions type and is not a material property. The various construction types tested are to be taken from the respective general building test certificate (abP) or the classification certificate.

MLV= Manufacturer´s Limiting Value
MDV= Manufecturer´s Declared Value

Total thickness
1.3mm |1.5 mm

Efective thickness
1.3mm |1.5 mm

Accompanying Document
Stand 02/11

Version
V 1.1 – AT – 22/07/2011