

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 contribution 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/mm ²	≥ 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	°C	≤ -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	-	Broof t1	a) Fulfilled

a) The external fire performance test leading to Broof 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= Manufacturer's Declared Value

Total thickness

1.3mm | 1.5 mm

Efective thickness

1.3mm | 1.5 mm

Standard DIN EN 13956



EFFISUS BRAZE SA-EDGE MEMBRANE

DESCRIPTION

Elastomer sheets for facade sealing from Ethylen-ropylen-Dien-Terpolymer (EPDM), homogeneous, cured, with self adhesive backing.

Sheets for adhered or mechanically fastened facades. Total thickness: 2,0mm. Effective thickness: 1,2mm.

TECHNICAL DATA

Technical data	Standard	Unit	Value	Expression of result
Watertightness	EN 1928 (B)	-	Passed	MLV
Joint peel resistance	EN 12316-2	N/50 mm	≥ 50	MLV
Joint shear resistance	EN 12317-2	N/50 mm	≥ 175	MLV
Tensile strength	EN 12311-2	N/mm ²	≥ 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	°C	≤ -40	MLV
UV exposure	EN 1297	-	Passed	Fulfilled
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	Fulfilled
Ozon resistance	EN 1844	-	Passed	Fulfilled
Exposure to bitumen	EN 1548	-	Passed	Fulfilled
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= Manufacturer's Declared Value

EFFISUS BRAZE P-FIX MEMBRANE

DESCRIPTION

Elastomer sheets for facade sealing from Etylen-Propylen-Dien-Terpolymer (EPDM), homogeneous, cured without fleece-backing with a EPDM clip-in profile for installation in receiveing slots without the use of adhesive or sealing material.

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 contribution 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/mm ²	≥ 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	°C	≤ -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	-	Broof t1	a) Fulfilled

a) The external fire performance test leading to Broof 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= Manufacturer's Declared Value

Total thickness

1.3mm | 1.5 mm

Efective thickness

1.3mm | 1.5 mm