

EFFISUS TITEGUTTER3

DESCRIPTION

The Effisus TITEGUTTER3 is an integrated industrial gutter joint sealing system with 3 waterproofing levels. The system is composed by the Effisus 2Bond DS Tape, overlaid by the Effisus Ecofacade Membrane with 1.3mm thickness adhered to the gutter surface and closed with the Effisus Bonding KF+P Adhesive.

1. EFFISUS ECOFACADE MEMBRANE

Elastomer sheet for waterproofing from Ethlen-Propylen-Dien-Terpolymer (EPDM), homogeneous, cured, non-backed.

TECHNICAL DATA

Technical data	Standard	Unit	Value	Expression of results
Thickness	EN 1849-2	mm	1.30	
Length		m	≥ 20	MLV
Width		mm	100 – 1300 ± 0,2%	MDV
Directness		-	Pass	
Mass per unit area		g/m ²	1625 ± 25%	MDV
Reaction to fire	EN 13501-1		Class E	Pass
Resistance to water passage	EN 1928 B		W1	
Water vapour propertires μ	EN 1931	-	60.000 ± 20.000	MDV
Resistance to air passage	EN 12114	m ³ /(m ² xhx50 Pa)	≤ 0,1	MLV
Tensile strength	EN 12311-1	N/50mm	≥ 450	MDV
Elongation	EN 12311-1	%	≥ 500	
Tear resistance	EN 12310-1	N	≥ 90	MDV
Dimension stability	EN 1107-2	%	≤ 0,5	MLV
Foldability at low temperature	EN 1109	°C	≤ -30	MLV
Weathering by combined continuous stress trough UV-exposure and high temperature according to appendix C	Tensile strength	N/50mm	567 ± 90	MDV
	Elongation	%	450 ± 15%	MDV
	Resistance to water passage	Class W1	W1	

2. EFFISUS 2BOND DS TAPE

Effisus 2Bond DS Tape is pure and advanced technology with active sealants with a removable siliconized release liner on each side. Designed to bond two surfaces, even two surfaces made of two or more dissimilar materials.

Effisus 2Bond DS Tape creates a tight, permanent, waterproof seal.

Effisus 2Bond DS Tape remains flexible to temperatures as low as -57°C making it virtually impossible to thermally shock the seal causing a leak. Effisus 2Bond DS Tape to a wide range of surfaces including EPDM, TPO, most PVC, CSPE/ Hypalon, CPE , SBS, APP modifieds, asphalt BURs, coal tar BURs, tiles, shingle, coated and non-coated aluminum and metal roofs, galvanized steel, gypsum board, wood, polyethylene, propylene, polystyrene, fiberglass, brick, concrete, masonry, OSB board, shielding membranes, etc.

TECHNICAL DATA

Technical data	
Adhesion	8.64 kg/ in width
Application temperature	66°C to -29°C ambient
Available widths	Up to 121.9cm as special order
Dielectric strength	Exceeds 12KV
Elongation	> 500% ± 100
Insulation resistance	10 to the 6th power megahoms
Low temperature flexibility	12.7mm radius at -34.4°C
Permanence	0.001 perms maximum
Pliability	No cracks in membrane
Shelf life	Up to 5 years
Standard case quantity	30.5 sq. meters per case
Standard roll sizes	1.5cm, 2.5cm, 5cm, and 7.6cm x 15.2m
Temperature flexibility range	-57°C to >+93°C
Total thickness	Standard 30 mils (0.77mm) or 60 mils (1.54mm)
Water vapour test (ASTM 96B)	0.005grs/254cm2/24hrs/37°C

Surface Preparation

Surface must be clean and dry. Moisture, dust, dirt, or other foreign matter should be removed. Remove oil and grease, etc. with Effisus Setup EC Cleaner or a non residue cleaner such as acetone or lacquer thinner. Remove salt and other contaminants.

Application

To apply the Effisus 2Bond DS Tape, remove one side of the release liner and apply to the surface to be protected or bonded. Rub or roll with pressure using your hand or a steel roller to activate bonding process. Remove the second release liner and apply second surface to tape, apply pressure. Effisus 2Bond DS Tape also can be used as a putty. Remove both release liners and roll into a rope. Place over gap and mold to seal opening. This material may be applied to clean dry surfaces from 66°C to -29°C ambient. Treat surface with Effisus Coat EP Primer for installations from 5°C to -29°C ambient.

3. ADESIVO EFFISUS BONDING KF+P

Effisus Bonding KF+P Adhesive is a single component adhesive / sealant based on PDMS polymer, solvent-free, for bonding / sealing EPDM and butyl to concrete, masonry, wood, glass, aluminium, steel and bitumen or lap joint connections.

TECHNICAL DATA

Technical characteristics	
Base	PDMS polymer
Colour	Black
Viscosity	Pasty
Density	1.2 g/cm ³
Skin formation	25min

OTHERS

Processing temperature

-5°C to +35°C (surface temperature)
Do not use with temperatures below -5°C.
Do not seal on wet or frozen ground.

Preparation

The surfaces must be dry, clean and free of dust and grease. Pretreatment may be recommended.
Effisus Bonding KF+P Adhesive can be apply with hand or air gun or using a spatula.
Insert the EPDM or butyl material to adhere/ seal immediately, after 10 minutes at the latest and press.
The exact waiting time depends on room temperature, film thickness and absorbency of the substrate.
Due to the different compositions and qualities of foils, preliminary tests are recommended.

Cleaning

Effisus Setup PR Cleaner.

Storage

Store in original containers, at temperatures between +15°C and +35°C and not for more than 12 months.

Safety

Please notice the indications on safety-data-sheet and the safety-indications on the labels of each product for the treatment of our products. Especially the directions of the Dangerous Substance Regulation have to be respected.
Keep the safety-data-sheet of the product you treat ready to hand. It gives you valuable indications for the safe usage, disposal and in case of accidents.

Packaging

310ml Cartridge (Carton of 12 pieces)
600ml Sausage (Carton of 12 pieces)

Version

V 1.2 - AP – 31-08-2016