

EFFISUS 2BOND DS TAPE

DESCRIPTION

Effisus 2Bond DS is a double side adhesive and sealant tape based on an innovative and advanced technology active sealants. Developed to permanent water seal two or more substrates and seal any kind of nail, screw or steel anchor perforations on a substrate or a membrane.

Suitable for use in a wide range of construction substrates including concrete, metal, galvanized steel, coated and non-coated aluminum, polycarbonate, gypsum and OSB boards, wood, ceramic tiles, brick, masonry, fiberglass, EPDM, SBS, APP modifieds, PP, PE, polystyrene, etc.

Based on chemical arrangement of thermoplastics and non-curing Rubber (not butyl) with a primer incapsulated Effisus 2Bond DS is permanent elastic and flexible between 93°C and -57°C.

TECHNICAL DATA

Technical data	
Standard roll sizes (width) ^{a)}	15mm, 25mm, 50mm and 76mm
Standard roll sizes (length)	15,25 lm
Thickness	0.77mm or 1.54mm
Elongation	> 500% ± 100
Water penetration EN 1928	W1
Water vapour test ASTM 96B	0.005grs/254cm ² /24hrs/37°C
Temperature flexibility range	-57°C to > +93°C
Low temperature flexibility	12.7mm radius at -34.4°C
Shear resistance EN 12317-2 ^{b)}	> 81 (N/50 mm)
Elongation at Break EN 12317-2	18 mm
Pliability	No cracks in membrane
Application temperature	66°C to -29°C ambient

Notes

- a) Upon client request is possible to deliver widths multiple of 5mm up to 1219mm.
- b) Test performed on aluminium substrate.

OTHERS

Use on concrete

Effisus 2Bond DS Tape has exceptional properties even when applied on porous surfaces such as concrete. This adhesion capability allows to seal weatherproofing wall and roof membranes onto concrete substrate.

Technical data	
Shear resistance EN 12317-2	108 (N/50 mm)
Elongation at break EN 12317-2	50 mm

Results obtained for shear resistance of the joint between the Effisus 2Bond DS tape and concrete substrate.

Surface Preparation

Surface must be cleaned with Effisus Setup EC Cleaner or Effisus Setup PR. Remove any dust, debris, oil and grease and other contaminants. Acetone or lacquer thinner could be used.

With temperatures above 5°C treat surface with Effisus Coat EP or SP Primer.

Application

Remove one side of the 2Bond DS tape release liner and adhere it to the surface. Apply pressure with a silicone or steel roller the bonding area. Remove the second release liner and adhere second surface to tape. Apply pressure again with silicone or steel roller.

The use of the silicone or steel is very importante to activate the adhesion and ensures a uniform bonding area.

Effisus 2Bond DS Tape also can be used to seal any nail/screws penetrations. Create a patch size 50x50mm of Effisus 2Bond DS. Remove the first tape release liner and adhere it to first surface. Remove the second tape release liner and adhere the second surface. Than screw or nail the both surfaces.

It is also possible to create a rope or a putty to seal joints or gaps with irregular shapes, openings and steel anchors. Remove both release liners and roll into a rope. Place over the zone to treat..

Version

V 1.6 – JM – 12/04/2021