

EFFISUS 2BOND DS TAPE

DESCRIPTION

Effisus 2Bond DS Tape is a pure advanced Microsealant 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 and waterproof seal.

Effisus 2Bond DS Tape remains flexible in 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 aluminium 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

OTHERS
Basic Use

Effisus 2Bond DS Tape is a self-sealing adhesive that creates a water-tight, conformable seal between two or more irregular surfaces, this being a weatherproof and permanent bond, between two or more similar or dissimilar surfaces. Use as a lap seal, under the foot of an equipment curb or skylight, or roll it into a bead or ball of MicroSealant to fill a gasket or to seal a hole or gap, as needed.

Composition

Effisus 2Bond DS Tape utilizes advanced MicroSealant Technology, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber (non butyl) with a built in primer, between two silicone release liners.

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 the tape to the surface which 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. For this, remove both release liners and roll into a rope. Place it over a gap and mold to seal opening. This material may be applied to clean dry surfaces with ambient temperatures from -29°C to 66°C. Treat surfaces with Effisus Coat EP Primer for installations in ambient temperatures from -29°C to 5°C.

Version

V 1.2 – AT – 30/08/2011