

DoubleStick

Description:

DoubleStick is an advanced MicroSealant™ tape with a removable siliconised release liner on each side. Designed to bond two surfaces, even two surfaces made of two or more dissimilar materials. DoubleStick creates a tight, permanent, waterproof seal. DoubleStick remains flexible to temperatures as low as -56° C making it virtually impossible to thermally shock the seal causing a leak.

DoubleStick bonds to a wide range of surfaces including EPDM, TPO, aged PVC, 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.

Basic Use:

DoubleStick tape is a self-sealing adhesive creating a water-tight, conformable seal between two or more irregular surfaces, and/or creates a weather proof, 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 form a gasket, seal a gap or seal, or as needed.

Composition:

DoubleStick utilizes an advanced MicroSealant™ Technology, a 100% solids formulation of synthetic resins, thermoplastics and non-curing rubber with a built-in primer, between two silicone release liners.

Packaging:

Roll Size: 50mm x 15.24m
Roll Thickness: 1.5mm
Rolls per carton: 12

Surface Preparation:

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

Application:

To apply the DoubleStick, 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 steel roller to activate bonding process. Remove the second release liner and apply second surface to tape, apply pressure. DoubleStick 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 65° C to -28° C ambient. Treat surface with EternaPrime for installations from 4° C to -28° C ambient.

Technical Data:

Adhesion	19 lbs/in width
Application temperature	60° C to -28° C ambient
Available widths	Other widths available by special order
Dielectric Strength	Exceeds 12 kV
Elongation	>500%
Insulation resistance	10 to the 6th power megohms
Low temperature flexibility	127mm radius at -34° C
Permanence	.001 perms maximum
Pliability	No cracks in membrane
Shelf life	Up to 5 years
Temperature flexibility range	-56° C - >93° C
Water vapour test (ASTME 96B)	.005 grms / 100" sq. / 24 hrs. / 100° F

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