

DRYVIT[®] FLASHING TAPE[™], FLASHING TAPE SURFACE CONDITIONER[™] AND GRID TAPE[™]

DSC450

DRYVIT FLASHING TAPE

Description

Dryvit Flashing Tape is a tough, self-adhering, self-healing construction grade tape used to seal rough openings in walls utilizing a Dryvit system by bridging the joints between sheathing and other underlying framing or foundation components. It is an integral component of the Outsulation[®] Plus, Outsulation MD, and Infinity[®] Systems. It is available in 100 mm (4"), 150 mm (6") and 230 mm (9") widths, 23 m (75 ft) per roll.

Limitations

Dryvit Flashing Tape should be covered within the same work period. The tape has limited UV resistance and must not be exposed longer than 30 days. The tape is compatible with fully-cured coat tar products. It is not compatible with creosote and joint sealants containing polysulfide polymer. Discoloration of all sealants may occur if sealant is in direct contact with the rubberized asphalt adhesive. After precipitation, allow the surfaces a minimum 24 hours drying time before application. Apply only when surface and air temperatures are at 4 °C (40 °F) and rising.

Composition

Dryvit Flashing Tape is a 25 mil cold-applied, self-adhering membrane composed of a 3.0 mil high density, cross laminated polyethylene film coated on one side with a 22.0 mil layer of rubberized asphalt adhesive. The rolls are interwound with a disposable silicone-coated release sheet for ease of application. The tape is gray/black in color.

Storage

Protect from rain and physical damage. Store in a well-ventilated area where temperatures will not exceed 32 °C (90 °F) for extended periods,

and away from all sources of high heat, flames, or sparks.

Surface Preparation

Surface must be smooth, clean, dry, and free of spalled areas, loose aggregate, loose nails, sharp protrusions of any kind, or any other matter that might hinder the regularity and adhesion of the Flashing Tape installation. Loose dirt or dust must be removed from all surfaces prior to application. It is recommended that Dryvit Flashing Tape Surface Conditioner be used on dirty or dusty surfaces, or if difficulty in adhering the Flashing Tape for any reason is encountered. Allow Surface Conditioner to dry thoroughly before application of Flashing Tape. Apply Surface Conditioner on the same day that Flashing Tape will be applied. Follow Dryvit's system instructions for more information.

Application

Cut Dryvit Flashing Tape into appropriate lengths. As familiarity with the installation increases, it may be possible to install the tape in continuous fashion. In all cases, follow Dryvit guidelines for application as shown in the relevant details of the Dryvit system used on the project.

- Windows and doors
- Foundations
- Other types of openings
- Expansion joints

Availability

Dryvit Flashing Tape is available only from your Dryvit Distributor.

Warranty

Dryvit Flashing Tape is covered by the appropriate warranty for the system used.

TABLE 1		
PHYSICAL TYPICAL PROPERTIES		
Dryvit Flashing Tape		
Property	Test Method	Typical Value
Thickness	ASTM D 3767 Method A	25 mil (.64 mm)
Low Temperature Flexibility	ASTM D 1970	Unaffected at -43 °C (-45 °F)
Elongation, Ultimate Failure of Rubberized Asphalt	ASTM D 412	200%
Tensile Strength (Film)	ASTM D 412	5,000 psi
Crack Cycling 100 Cycles	ASTM C 836	Unaffected at -32° C (-25 °F)
Lap Adhesion at Minimum Application Temperature	ASTM D 1876 Modified	5.0 lbs./in. width (876 N/m)
Adhesion to Concrete at Minimum Application Temperature	ASTM D 903	5.0 lbs./in. Width (876 N/m)
Water Absorption, 72 Hours	ASTM D 570	0.1% Maximum
Puncture Resistance	ASTM E 154	44 lbs.
Permeance	ASTM E 96 Method B	0.05 perms max.
Application Temperature Range		4 °C (40 °F) to 43 °C (110 °F)
Operating Temperature Range		-32 °C (-25 °F) to 66 °C (150 °F)

DRYVIT FLASHING TAPE SURFACE CONDITIONER

Description

Dryvit Flashing Tape Surface Conditioner is a water-based latex surface treatment that is specifically formulated to bind site dust and concrete efflorescence, thereby providing a surface more receptive to the adhesion of Dryvit Flashing Tape. It is especially recommended for dirty, dusty, irregular or rough surfaces. Dryvit Flashing Tape Surface Conditioner promotes good initial grab as well as permanent adhesion of the Dryvit Flashing Tape to the underlying substrates.

Use

Dryvit Flashing Tape Surface Conditioner is used to condition structural concrete, masonry, wood or sheathing based substrates on which Dryvit Flashing Tape is to be applied. Sufficient Surface Conditioner should be applied so as to leave the substrate in a dust-free state, suitable for the application of Flashing Tape. Surface Conditioner can be used in vertical or horizontal applications where air and surface temperatures are above 4 °C (40 °F).

Application

Dryvit Flashing Tape Surface Conditioner is packaged ready to use and will impart an aggressive, sticky finish to the treated substrate. Apply at a rate of

7.4 m²/l (300 sf/gallon), either using a brush or roller. Allow to dry completely (about 1 hour, longer if cool or humid) before applying Flashing Tape. Surface Conditioner is considered dry when the substrate returns to its original color. Excess Surface Conditioner will not improve the adhesion of the Flashing Tape, but will significantly increase the drying time. Surface Conditioner should only be applied to surfaces that can be covered with Flashing Tape the same day. Substrates should be reconditioned if dirt or dust reaccumulates.

Clean-up

Tools should be cleaned with water immediately after use. If Surface Conditioner dries on tools, they may be cleaned using mineral spirits. Mineral spirits are combustible and should be used strictly in accordance with manufacturer's specifications. Do not use solvents to clean hands or skin.

Safety and Handling

Dryvit Flashing Tape Surface Conditioner is non-flammable. Refer to product label and Material Safety Data Sheet before use. For additional information, consult Dryvit's Technical Services Department at 800-263-3308.

TABLE 2	
PHYSICAL TYPICAL PROPERTIES	
Dryvit Flashing Tape Surface Conditioner	
Property	Typical Value
Solvent Type	Water
Flash Point	No Flash to Boiling Point
VOC (Volatile Organic Compound Content)	Less Than 2.96 lbs./gal. (350 grams/liter)
Application Temperature	4 °C (40 °F) Minimum
Freeze/Thaw Stability	5 Cycles Minimum
Freezing Point (As Packaged)	-20 °C (-5 °F)

DRYVIT GRID TAPE

Description

Dryvit Grid Tape is a specially woven and treated glass fiber mesh weighing 61 g/m² (1.8 oz/yd²) and which is self adhering. It is utilized in a variety of Dryvit systems, which require the joints and edges of the sheathing to be taped prior to the application of an air and moisture protective barrier such as Backstop™NT.

Limitations

Dryvit Grid Tape is compatible with all cement board and gypsum based sheathings. Surface must be clean, dry and free from dust and other contaminants prior to adhering Grid Tape. Do not apply more Grid Tape than can be coated with air and moisture barrier in the same day.

Composition

Dryvit Grid Tape is a leno weave fiberglass product shipped in rolls 91.4 m (300 ft.) long and 100 mm (4 in.) wide. and weighs 61 g/m² (1.8 oz/yd²).

Storage

Protect from the elements and physical damage.

Surface Preparation

Sheathing must be installed according to manufacturer's specifications. Surface must be smooth, clean, dry, and free from dust or any protrusions, which might hinder the regularity or adhesion of the Grid Tape.

Application

Center the Grid Tape on the sheathing board joints, edges, etc. with the pressure sensitive backing in contact with the sheathing surface. Press firmly into place and do not allow wrinkles to form in the tape.

Availability

Dryvit Grid Tape is available only from your Dryvit distributor.

Warranty

Dryvit Grid Tape is included in the appropriate system warranty.