

DENSO ULTRASEAL TAPE

Cold Applied Bituminous Tape

Description

A tough, durable and flexible tape for the corrosion protection of above ground steel structures. Consists of an acrylic coated non-woven fabric backing coated with a bituminous adhesive compound. Includes a release liner (interleaving) which is removed prior to use, for ease of application and handling.

Uses

A component of the Denso Steelcoat 400 System. Protection of above ground steelwork such as steel girders and bridges.

Features

- Sticks and bonds rapidly and permanently to clean, dry, primed surfaces
- Fast and simple to apply
- Flexible, long lasting, self-sealing to minor substrate blemishes
- No special tools or drying required
- Can help prevent mould by sealing moisture
- No volatile components

Application

Ensure that surface is free from dirt, dust and contamination. Remove any loose material using a scraper or a wire brush.

To promote adhesion in cold weather, it is preferable to warm up the tape to at least 15°C before application. Unwind and cut tape to required length. Peel back about 5 cm of the release liner and with firm pressure apply the product to the surface. Ensure that intimate contact is made and that no air is trapped.

Mould the tape around bends and corners. Using a cloth or small roller, ensure that all edges and overlaps are forming proper seals and installed in a manner where they will be self draining. Overlaps should be at least 25 mm.

Priming: Denso Primer D must be applied to the prepared substrate to promote adhesion and fill porous surfaces. Apply Primer D at a rate of 9-11 m²/L and allow to tack-dry (10 to 20 minutes). Always ensure volatile content of primer has evaporated before applying the tape.

Topcoat: For long term UV protection, Denso Acrylic Topcoat or Denso ST Epoxy.



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Property Specifications

PROPERTIES	VALUE
Breaking Strength (ASTM D1000)	≥ 3.0 N/mm
Adhesion Peel Strength (ASTM D1000, 24 h @25°C)	
To Steel	2.5 N/mm
To Self	2.0 N/mm
Dielectric Strength (ASTM D149)	≥ 25 kV
Application Temperature	15°C to 50°C
Service Temperature	-10°C to 65°C
Peak Intermittent Temperature	65°C
Thickness (ASTM D1000)	1.40 ± 0.15 mm
Width	125 mm, 150 mm, 200 mm, 250 mm
Length	15 m
Weight	1.42 ± 0.10 kg/m ²
Recommended Primer	Denso Primer D
Colour	Black

STORAGE: In a cool, dry place, away from direct heat and sunlight .



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