

Repcoat TS

Flexible thermal insulation and waterproof coating for roofs and walls



Description

Repcoat TS is a ready to use, single component water based consist of special polymer coating with extended polymeric chain to act as a thermal insulation and waterproofing.

Applications

Repcoat TS provides an excellent thermal and waterproof coating for the following:

- ▲ Sloped roofs and vertical walls.
- ▲ All types of concrete and masonry surfaces.
- ▲ Over roofs polyurethane foam.

Advantages

- ▲ High Thermal insulation properties.
- ▲ Excellent weathering properties.
- ▲ Excellent bond.
- ▲ Resistance to UV rays.
- ▲ Forms flexible film.
- ▲ Gap bridging properties.
- ▲ Nonflammable.
- ▲ Abrasion resistant to light foot traffic.
- ▲ Effective waterproofing properties.
- ▲ Reduce surfaces temperature in the range of 15 - 20% of ambient air temperature.

Method of Use

Surface Preparation

Surfaces to receive Repcoat TS should be clean, sound, and free from oil, grease, dirt and loose particles. Substrate should be dry, with no standing water. Spalled surfaces, cracks and defected concrete should be repaired. New concrete substrate should be at least 14 days old.

Application

Stir the material in the container thoroughly and mix water for brushable consistency (say 5%) as per the site requirement spread evenly with a brush, roller or airless spary. Avoid application during rainy weather.

Technical Properties @ 25°C:

Appearance:	Thick liquid
Colour:	White
Overcoating time:	Minimum 4 hr
Volume solid:	60 ± 5%
Specific gravity:	1.25 ± 0.05
Water permeability:	Impermeable
Elongation:	About 200% @ 2 mm dry thickness
Minimum application temperature:	5°C
Resistance to water pressure (2 mm coating): DIN 1048	> 5 m Hydrostatic pressure

**The above properties are subject to 5% tolerance.*

Repcoat TS should be applied at the rate of 0.55 kg/m². Allow 24 hours between coats or until the first coat completely dry.

Apply second coat at the same rate of the first coat.

Cleaning

All tools should be cleaned immediately after use with fresh clean water.

Packaging

Repcoat TS is available in 12 and 25 kg packs.

Coverage

Approximately 1.5 - 2.0 m²/kg per coat to give a DFT between 320 - 240 micron depending on the substrate texture.

Storage

If these conditions are exceeded, DCP Technical Department should be contacted for advice.

Repcoat TS

Cautions

Health and Safety

As with all acrylic paints, care should be taken during use and storage to avoid contact with skin, eyes and mouth. Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

Fire

Repcoat TS is nonflammable.

More from Don Construction Products

A wide range of construction chemical products are manufactured by DCP which include:

- ▲ Concrete admixtures.
- ▲ Surface treatments
- ▲ Grouts and anchors.
- ▲ Concrete repair.
- ▲ Flooring systems.
- ▲ Protective coatings.
- ▲ Sealants.
- ▲ Waterproofing.
- ▲ Adhesives.
- ▲ Tile adhesives and grouts.
- ▲ Building products.
- ▲ Structural strengthening.

Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

