

TRI- SEAL 307 ELASTIC

Elastomeric, cement base waterproofing and protective coating.

Description

Tri-Seal 307 Elastic Is a two components acrylic copolymer modified cement base protective and waterproofing coating.

Tri-Seal 307 Elastic can be simply applied by stiff brush, roller, spray or trowel to obtain the desired texture .

The product is certified by National Research Center.

In accordance to: ASTM (C307)CRD C48



Uses

Tri-Seal 307 Elastic Elastomeric waterproofing coating for concrete surfaces and masonry for new and existing structures where they are subject to flexural, tensile strength, thermal movement and vibration such as :-

- Water storage tanks.
- Swimming pools
- Sewage treatment structures
- Building basements.
- Bridges.
- Concrete pipes and water canals
- Water Retaining tanks.
- Roofs.
- To protect atmospherically exposed reinforced concrete structures from Carbonation.

Advantages

- Form a flexible film has crack bridging capability.
- For external and internal Application.
- Can be used as positive and negative water proofing coat.
- Flexible with expansion similar to concrete .
- Covers honeycombed and pitted poured concrete effectively.
- Good abrasion resistance and adhesion for concrete surface.

Technical Data @°25c

Appearance	Comp. A=25 Kg powder form / Comp. B=10 Kg polymer
Color	Grey and White Special colors on request
Tensile strength	> 0.8 N/mm ²
Bond strength	>1 N/mm ² ASTM C882
Water resistance	Positive pressure > 1.3 bar / Negative pressure > 0.7 bar
Pot life	= 60 minutes @ 20°C
Elongation	20 %

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Directions for use

Surface preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles
Decayed matter, laitance, all traces of mould release and curing compound.

This is best achieved by lightly grit-blasting the surface.

It is essential that all surfaces to be treated or be soaked with clean water prior to application

Mixing

Pour the liquid part in a bucket then add the powder gradually and mix with suitable
Electrical mixer till getting suitable consistency.

Small quantities can be mixed by hand in a bucket.

Large quantities can be mixed by Mixer.

Application

While the surface is still damp apply the mixed product to the well prepared
Surface of concrete or masonry by brush, broom or spray. Apply two Coats

As required Perpendicular.

Curing

In severe hot temperature and/or wind, protective shielding should be apply.

Protect newly applied product against direct sunlight, wind, rain and frost.

Cleaning

All tools should be cleaned with water immediately after use. Hardened material can be removed mechanically .

Package

Is Pack = 35 Kg consists of :- Powder =25 Kg Liquid= 10 Kg

Shelf Life

12 months if kept in a dry store in the original unopened packs.

Storage

Store in shade under normal warehouse conditions.

Health and Safety

Contains cement powders ,which when mixed or become damp , release alkalis
which can be harmful to the skin During application, should avoid inhalation of
dust and contact with skin and eyes.

Wear suitable protective clothing, gloves, eye protection and respiratory
Protective equipment In case of contact with skin, rinse with plenty of clean
Water then clean with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and
seek medical advice. if swallowed ,seek medical attention immediately.

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