

TRI- SEAL 300

One component Cementious water proofing compound

Description

Tri-Seal 300 is a cementious water proofing polymer modified with specially Re-dispersible polymer powder and quartz fillers. It is supplied in powder form to be mixed only with water to obtain a thick slurry consistency.

The slurry is applied in two or more coats directly onto concrete surface. **Tri-Seal 300** is a water proofing against direct and indirect high water pressure.

It is firmly adheres on smooth and rough surfaces.

The product is certified by National Organization for Potable water & Sanitary Drainage.

Tri -Seal 300 has been tested in accordance to: ASTM (C580/C307/C321)BS6920



Uses

Underground and elevated water tanks ,swimming pools ,water and sewage units, dams and bridges ,foundations and basements, underground structures, damp and drying rooms ,oil units,,,,etc.

Advantages

- Highly resistance to salts, and aggressive chemicals.
- Compatible with concrete and has a high a adhesive power so, it works as If it is a part of concrete.
- Does not affect or harm drinking water.
- Usually does not need the traditional protection like plastering or screed.

Technical Data @°25c

DISCRETIONS	VALUE
Color	Grey - white
Density	1.7 ± 0.1 kg / L
Compressive strength ASTM C307	26 N / mm ²
Flexural strength ASTM C580	8 N / mm ²
Bonding strength to concrete ASTM C321	0.9 N / mm ²
Rate of use (theoretical)	1.25 kg / m ² - per coat
Chemical resistance	
CL	No effect
NaOH 40 gm / L	No effect
NaOH (So ₄) ₂ 12 H ₂ O @ 23 °C	No effect
NaOH (So ₄) ₂ 12 H ₂ O @ 60 °C	No effect

Factory & Head Office:

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Directions for use

Surface preparation

All surfaces should be clean, dry and free from dust and loose materials in order to achieve Maximum adhesion between a floor coating and substrate.

Application

Mix the **Tri-Seal 300** only with water at ratio 5:1 by weight Or 3:1 by volume to obtain The desired consistency (thick slurry)

Saturate dry surfaces with clean water just prior to applying the slurry.

Apply the **Tri-Seal 300** slurry with a cement brush in two or more coats

Depending on water pressure.

Allow the first coat to dry and saturate the surface with water prior to applying the Second coat.

It is recommended to prime plaster and non porous surfaces with one coat of

Tri Latex SBR diluted with water 1:3.

Cleaning

All tools should be cleaned with water immediately after use.

Package

25 Kg Bags

Shelf Life

Has a shelf life of 12 month if stored under normal warehouse conditions

Storage

Store in shade under normal warehouse conditions.

Fire

Non flammable.

Health and Safety

Contains cement powders ,which when mixed or become damp , release Alkalies 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

DO NOT INDUCE VOMTING.

page 2 of 2



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