

MAXSEAL FOUNDATION WATERPROOF, CEMENT-BASE COATING FOR EXTERIOR UNDERGROUND CONCRETE AND MASONRY

DESCRIPTION

MAXSEAL FOUNDATION is a cement based product which, with special additives and selected aggregates to provide total waterproofing protection to concrete, bricks and blocks due to its high resistance to aggressive waters
Will seal against positive and negative water pressure.

USES:

Waterproofing of retaining walls, car parks, basements, elevator pits, below grade ingress of water in foundations.

It can also be used as waterproofing layer or barrier against humidity by capillarity on a variety of mortar substrates.

Advantages:

- Good adhesion, it becomes part of the substrate , fills and seals all pores, missing mortar lines etc.
- **Must be applied to wet surfaces**
- Can be sprayed by airless sprayer (3 to 5mm tip)
- Can be rendered or painted over.
- NOT affected by salts and acids in soil.
- Easy to apply with Drizoro brush.

Will seal against positive and negative water pressure.

APPLICATION INSTRUCTIONS

Surface preparation:

To obtain a good bond to concrete or masonry surfaces, it needs to be a medium to high porosity substrate. If low porosity **MAXSEAL FLEX** should be used.

Remove all oils, loose materials as well as blooms or plaster to create a clean surface.

At the wall/floor junction, cut a 2x3 cm. slot, refill it with **MAXREST** Or **MAXPLUG** or **MAXJOINT ELASTIC**.

If honeycombing is present in concrete, patch it with **MAXREST**.

Concrete scaffolding wires or passing rods must be cut and patch with a minimum 1 cm. deep must be made, then patch with **MAXREST**.

IT IS THE RESPONSIBILITY of the applicator to determine whether a structure contains any form of **efflorescence** **PRIOR TO APPLICATION**. Any traces of efflorescence in negative waterproofing should be treated with * **“Saltrid” as per Efflorescence Specification.**

Concrete and masonry foundation walls subject to extreme pressures and water aggressiveness.
please contact office.

Mixing:

Pour clean water in a bucket and add **MAXSEAL FOUNDATION**, ratio approx 3.5kg powder to 1 litre of water mix slowly with electric drill (400-600 rpm) obtaining a thick creamy paste.

Let material rest for 5 minutes before application.

A 25 Kgs. **MAXSEAL FOUNDATION** bag requires 7-7.5 ltrs. of water.

Application:

At the joining area between vertical wall and foundation slab, make a 2x3 cm. slot refill it with **MAXREST, MAXPLUG, MAXJOINT ELASTIC, MAXSEAL FLEX** is recommended for all cold joints.

If honey combing is present in concrete, patch with

MAXREST.

Dampen surface with clean water and apply a first **MAXSEAL FOUNDATION** layer with a 1,5 Kg / m² load. After 14 to 24 hours curing, dampen the surface again before applying a second layer and must be applied crosswise with a 1 Kg / m² load (1 to 1.5 mm wet film thickness)

CAUTION:

DO NOT apply in excess of 2 layers.

DO NOT apply to bitumen or polyurethanes.

DOES NOT place plastic or core flute protection boards against treated surfaces prior to back filling.

Drainage cell and aggregate can be placed.

Curing:

Allow surface to cure for 3 days prior to back filling and 7 days prior to filling structure with water

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During curing, water vapour may condense on the Surface in poorly ventilated areas. Place exhaust fan or heat source to eliminate moisture saturated air.

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Applications tools:

MAXSEAL FOUNDATION is applied by brush, **MAXBRUSH** or broom to ensure penetration into pores and hollows. Apply at a thickness of approx. 1 mm to form a continuous and even coating, do not extend as paint and apply only in one direction. Second layer must be applied crosswise.

After material application, clean brushes with water for further use.

Application temperature:

At summertime temperatures, wet the surface with abundant water to cool surface. If fast drying is observed, water can be mist sprayed 2 hours after the product application. In winter time do not apply at temperatures below 5° C or if lower temperatures are expected within the next 24 hours after the application.

It must not be applied on frozen or icy surfaces. Optimal working temperature is between 15 to 28° C.

Avoid application when rainfall is expected within the next 4-6 hours further to application.

Packaging:

25 Kg., bags and 14 kg handipack.

Storage:

One year in its original unopened container in a dry covered place, protected from frost.

Laboratory tests:

Waterproofing and mechanical resistance.

Tests carried out at Instituto Eduardo Torroja, available upon request

Caution:

As all cement products **MAXSEAL FOUNDATION** is an abrasive compound. It is not toxic but care should be taken while mixing and applying, do not to let it come into contact with the hands. Rubber gloves should be worn for protection. If it splashes in the eyes, rinse well with clean water; do not rub. If irritation persists, consult a doctor.

Guarantee:

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