

# MAXSEAL FOUNDATION

## WATERPROOF, CEMENT-BASE COATING FOR RIGID EXTERIOR UNDERGROUND CONCRETE AND MASONRY SURFACES.

### Description:

**MAXSEAL FOUNDATION** is a construction grade cement based product which, together with special additives and selected aggregates gives it waterproofing characteristics, whether the foundations are in concrete or masonry. It gives great protection to foundation concrete thanks to its high resistance to aggressive waters

### Uses:

- Waterproofing of retaining walls, carparks, basements, elevator pits etc

### Advantages:

- Good adherence, it becomes incorporated into the support where that it is applied, fills and seals pores.
- It can be applied on wet surfaces
- Can be sprayed by airless sprayer (3 to 5mm tip)
- Can be rendered or painted.
- Unaffected by soil salts. In a positive application.
- Easy to apply with tampico type brush, obtaining large yields at its application.

### Surface preparation:

To obtain a good **MAXSEAL FOUNDATION** adherence bond at the concrete or masonry wall, we recommend that the surface requires to be a medium to high porosity substrate. If not, **MAXSEAL FLEX** should be used for extra surface adhesion.

Remove all oils and remnants from surface, as well as blooms or plaster to create an even surface.

At the adjoining area between vertical wall and foundation slab, make a 2x3 cm. slot, refill it with **MAXREST** Or **MAXPLUG**.

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

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

**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 as per **Efflorescence Specification**.

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

### Mixing:

Pour clear water in a bucket and add **MAXSEAL FOUNDATION** ratio approx 3:1 slowly obtaining a thick creamy paste.

Mix with a metallic rod and a mixing disk assembled on a drill at low speed approximately during one minute. Let material rest for 5 minutes before application.

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

### Application:

Concrete and masonry foundation walls. remove all oils and remnants from surface, as well as blooms or plaster. At the joining area between vertical wall and foundation slab, make a 2x3 cm. slot, refill it with **MAXREST** or **MAXPLUG**. **MAXSEAL FLEX** is recommended for all cold joints, subject to future movement. If aggregate nests (honey combing) present in concrete, patch them with **MAXREST**.

Concrete scaffolding wires or passing rods must be cut and a superficial patch of minimum 1 cm. depth must be made. Dampen surface with clean water and apply a first **MAXSEAL FOUNDATION** layer with a 1,5 Kg / m<sup>2</sup> load. After 14 to 24 hours curing, dampen the surface again before applying a second layer and must be applied with a 1 Kg / m<sup>2</sup> load (1 to 1.5 mm wet film thickness)

### Applications tools:

**MAXSEAL FOUNDATION** can be applied with brush, **MAXBRUSH** type or tampico fibre brush to facilitate its penetration in pores and hollows. Apply a thick layer to form a continuous and even coating, do not extend as paint and apply it in only 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 .

If a fast drying is observed, water can be 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.

### Laboratory tests:

#### Waterproofing and mechanical resistance.

Tests carried out at Instituto Eduardo Torroja, available upon request.

### Packaging:

**MAXSEAL FOUNDATION** delivered in 25 Kg., bags and drums, also supplied in 14 kg handipack.

### Storage:

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

**Caution:**

As all cement products **MAXSEAL FOUNDATION** is an abrasive compound. It is not toxic but care should be taken while mixing and applying it, 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:**

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO** reserves the right to introduce changes without prior price. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product. For any other doubt, consult our Technical Department. This version of bulletin supercedes the previous one.

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