



# MAXSEAL<sup>®</sup> FOUNDATION

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

### DESCRIPTION

MAXSEAL FOUNDATION is a 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

- Basically with high phreatic levels, as foundation waterproofing, as well as below grade leaks in foundations.
- It can also be used as waterproofing layer or barrier against humidity by capillarity on the different work units.

### ADVANTAGES

- Good adherence, it becomes incorporated to the support where it is applied, it fills and seals pores.
- It can be applied on wet surfaces not needing these to be dried.
- Lesser cost than any other traditional system.
- Large duration and superior to any other asphalt product.
- Unaffected by soil salts.
- Easy to apply with tampico type brush, obtaining large yields with its use.

### APPLICATION INSTRUCTIONS

#### 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.

If aggregate nests are 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.

Dampen surface with clean water and apply a first MAXSEAL FOUNDATION layer with a 1,5 Kg / m<sup>2</sup> load. After 8-hours curing, a second layer must be applied with a 1 Kg / m<sup>2</sup> load.

#### Concrete and masonry foundation walls subject to great pressures and water aggressiveness.

Under these conditions, second layer must be applied with trowel.

A first MAXSEAL FOUNDATION layer with a 1,5 Kg / m<sup>2</sup> load must be applied.

Once this first layer is set, apply a second layer with trowel with material enough to level the surface, approx. 7 Kg / m<sup>2</sup>. This second layer is prepared adding to each 25 Kgs. MAXSEAL FOUNDATION bag, 12 Kgs. of siliceous sand.

To obtain a good MAXSEAL FOUNDATION adherence at the concrete or masonry wall, we recommend using MAXCRYL with the MAXSEAL FOUNDATION preparation water in a one MAXCRYL part per three water parts proportion.

## **APPLICATIONS TOOLS.**

MAXSEAL FOUNDATION can be applied with brush, MAXBRUSH type or tampico fiber 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 uses.

## **MIXING**

Pour clear water in a bucket and add MAXSEAL FOUNDATION slowly obtaining a thick creamy paste.

Let it rest for 10-15 minutes.

Mix with a metallic rod and a mixing disk assembled on a drill at low speed approximately during one minute.

A 25 Kgs. MAXSEAL FOUNDATION bag requires 7-7,5 lt. of water.

## **APPLICATION TEMPERATURE**

At summertime temperatures, wet the surface with abundant water and use MAXCRYL in the MAXSEAL FOUNDATION mixing.

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 20° 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.

## 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 notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



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