



MAXSEAL® 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 / m² load. After 8-hours curing, a second layer must be applied with a 1 kg / m² 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 / m² 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 / m². 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 6,25-7,0 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.

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO®, S.A.** 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. 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 replaces the previous one.

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.

SAFETY AND HEALTH

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.



DRIZORO, S.A.

C/ Primavera 50-52 Parque Industrial Las Monjas
28850 TORREJON DE ARDOZ – MADRID (SPAIN)
Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13
e-mail: info@drizoro.com Web site: drizoro.com

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