



DEVELOPMENT RESINS ADMIXTURES CONCRETE

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# DRACOSEAL

WATERPROOF CEMENT BASED COATING

## DESCRIPTION

DRACOSEAL is a waterproof cement based coating to apply with a brush on blocks, bricks, concrete and on other masonry surfaces.

DRACOSEAL has chemical-physical characteristics similar to concrete. When applied it becomes integral part of the walls.

The adhesion is so high that DRACOSEAL can be used on internal surfaces of walls subject to a water pressure from outside.

It resists then to negative high pressures.

## USES

It is used for waterproofing any kind of structure also in front of negative pressures.

DRACOSEAL has excellent mechanic resistance and high characteristic of durability in time.

## Housing

- Waterproofing of cellars, pit lift, bathes, tanks, pools, internal and external walls also against ground.
- Waterproof covering of cement blocks, walls, concrete, bricks, expanded clays, gas-beton, etc.
- Waterproof coating of structures subject to sand blasting effect, like pillars, kerbs, display guards to the motor traffic, roads and motorways.

## Industrial housing

Waterproof covering of:

- Water tanks also for drinking water.
- Cement pipes.
- Tinning.
- Repairing and maintenance.
- Civil and industrial building.

## ADVANTAGES

DRACOSEAL like waterproof covering is convenient and easy to apply.

- It fills up and seals gap and porosity leaving however transpire the walls.
- The application is easy and decorative.
- It waterproofs and resists to water pressure also negative.
- The application does not require special equipment.
- Duration in time.

- It improves the thermal insulation because the walls remain dry and therefore maintain unchanged their insulating power
- Very high superficial resistance to the "sand blasting effect" due to the motor traffic.
- Good resistance to the aggressive environments.

## HOW TO USE

### Support preparation:

The surface to treat must be healthy, clean and free from encrustation, efflorescent, release oil, dust, gypsum, painting.

Brush or blow with pressed air the places to repair.

Restore before all holes or spaces that are deeper than 1 cm, using if necessary our HYDROPLUG.

If the surface to treat is hot, keep it cold with water sprays.

### Mixture preparation:

DRACOSEAL is a ready to use product which needs only water. Put 8 litres of water in a bucket and add with continuous flow DRACOSEAL, mix it continually, leave the mixture to rest for about 10 minutes, after of that mix for some minutes, therefore start the application.

This operation is easier using drill to slow speed with mixer pole CEMIX (pole ø 1.2-1.3 cm).

### Applications:

The areas to treat must be moisten with water before treatment.

DRACOSEAL is formulated to be used with brush. The kind of brush to use depend on the application.

Usually for a good finished work, for reducing the brush traces, use a tapering kind in nylon of 15 cm.

Load the brush with the material and apply a thick hand and so pass again how is enough to level it.

Do not spread it like a paint.

The strokes of the brush should have just one a horizontal direction to obtain a nice finish.

### ATTENTION

DRACOSEAL must be additived with ACROCEM 60 in the following cases:

- Surfaces of the smooth support.
- Surfaces expose under the sun to the ventilation, of which support results hot.
- Walls subject to negative pressures.

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In this case proceed as follows:

- Mix in an adequate container 6 parts of water and 2 parts of ACROCEM 60.
- Add DRACOSEAL little at little continuing to mix.
- leave it least for 10 minutes and mix well until reach the consistency that you want;
- wait the same instruction also when you prepare the mixture manually.

A DRACOSEAL bag of 25 kg request about 8 litres of mixture liquid (2 litres of ACROCEM 60 plus 6 litres of water).

## USE

For damp walls or subject to light water and negative pressures, apply one hand of basic about  $1 \text{ kg/m}^2$  and a hand to finish of  $\frac{1}{2} \text{ kg/m}^2$ . It will results a covering of variable thickness from 1.5 to 2 mm. If the walls are subject to a strong water pressure, double the quantity for  $\text{m}^2$ .

## PACKAGING AND STORAGE

Bags of 25 kg.

DRACOSEAL is packaged in bags that resists to the dampness and therefore the product storing on pallets will have more than one year of conservation time.

## GENERAL INSTRUCTIONS

Do not apply DRACOSEAL on frozen surfaces or with temperatures under  $5^\circ\text{C}$ .

During the cold days work in the sun and do not apply in the late afternoon, or when you foresee that the temperature will be under  $+5^\circ\text{C}$  during the next 24 hours.

## COLOURS

DRACOSEAL is available in white and cement grey colours.

The grey can be used like first hand, while the white has to be used as final decoration.

## TECHNICAL DATA

- **Compressive strength:**  $320 \text{ kg/cm}^2$  to 7 days,  $450 \text{ kg/cm}^2$  to 28 days.
- **Resistant to salt spray:** a sample sink in a solution at 5 % for 300 hours at  $32^\circ\text{C} \pm 1^\circ\text{C}$ , has not lost of adhesion or deteriorating effects.
- **Resistant to the development mildew:** after 21 days of incubation it is not possible to find traces of development in the sample. Test method TT-P 296.
- **Freeze-Thaw:** the tests pieces have been alternatively immerse in water and after submitted to temperatures of  $-26^\circ\text{C}$  for 50 cycles. At the end of a test it was impossible to find a trace of defects, alterations or lost of adhesion in the components.

## SPECIFICATIONS

For waterproofing of walls, also subjected to negative water pressure, please apply DRACOSEAL in two successive coatings following the instruction and the recommendation of the producer *Draco Italiana S.p.A.* which is ready to offer by request technical assistance.

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This edition annuls and replaces the previous