

TECHNICAL DATA

WATERDROP

PRODUCT DESCRIPTION

WATERDROP is a water-based, waterproofing and primer material that penetrates the surface it is applied to, creating an invisible barrier against water in the capillary channels, providing excellent water repellency while not affecting the water vapor permeability of the surface and thus allowing the surface to breathe.



AREAS OF USE

- It is used on all kinds of concrete surfaces, mineral plasters, highly absorbent surfaces such as aerated concrete, brick, tile, terracotta, travertine, on mineral-based natural and artificial stones, on mineral-based painted surfaces, and on monuments and sculptures that fit this description.
- It can be used to protect surfaces (poolside, balcony, terrace) that fit this description against stains that may be caused by liquids that may be spilled.
- Provides water repellency in the joints of non-porous surface structural elements such as ceramics, tiles, metal, glass, glass tiles, etc.
- It can be used as a primer on surfaces before painting. It is not suitable for use on paint, under pressurized water or underground where there is high hydrostatic pressure.

ADVANTAGES

- It is an invisible material that does not form a film on the surface.
 - It is the ideal material for surfaces where the appearance is not desired to change.
 - Provides rapid water repellency; makes the surface self-washable.
 - It penetrates the surfaces very well. It is ready to use, in liquid form.
 - Dries without leaving any stickiness.
 - Does not form a layer on the surface.
 - It is permeable to water vapor; it does not prevent the surface from breathing.
 - It prevents the formation of mold, fungus and moss on the surface by preventing moisture, which creates an ideal environment for the reproduction of microorganisms.
 - Prevents the formation of white salt stains on building materials. Resistant to alkaline environments.
 - It prevents the walls from getting wet; therefore, it also provides heat savings. (5% humidity in a material reduces the heat insulation value of this material by 30%.)
 - It prevents water from entering the building material and prevents frost damage caused by the expansion of this water during freezing and thawing.
 - There is no danger of explosion or burning.
 - It does not cause any toxicological or ecological harm.
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SURFACE PREPARATION

The surface to be applied must be clean and dry. Oil, rust, dirt, mold, etc. on the surface must be cleaned. Cracks and loose parts on the surface must be repaired. The surface to be applied for water insulation must definitely have a strong flow slope.

APPLICATION

It can be applied with a brush, roller or spray gun. WATERDROP should be mixed well before application. Application is done by saturating the surface with the wet-on-wet method without waiting for the first layer to dry. At least two layers should be applied. If a coating material is to be applied on WATERDROP, one day should be waited after the WATERDROP application. If it is to be used in the joints of non-porous surface structural elements such as ceramics, tiles, metal, glass, glass tiles, etc., the joints should be repaired first and the joint fillers should be renewed. WATERDROP is applied to the joints with the wet-on-wet method with a thin-tipped brush. After the process is completed, the material that has overflowed onto shiny surfaces should be wiped with a wet cloth. Otherwise, a matte appearance will remain.

TECHNICAL SPECIFICATIONS

Colour	Transparent (invisible)
Application temperature	+5 to +50°C
Complete drying	8 hours
Completion of the course	10 days
Specific gravity	0,99 gr/cm ³
UV resistance	Perfect

STORAGE, PACKAGING, CONSUMPTION

- At least 12 months from the date of manufacture in unopened original packaging.
- Net 20 kg Plastic Can
- Net 4.5 kg Plastic Can
- 200–700 g/m² in two coats depending on the absorbency of the surface

SAFETY AND WARNINGS

- Protect from frost.
- Do not leave the box lid open.(S7)
- Keep out of reach of children.(S2)
- Eyes and skin must be protected when working with all chemicals. (S24/25)
- Do not expose to direct sunlight and heat. (S3/15)
- Since this technical sheet has been prepared considering the general conditions, please obtain written information for details that are not sufficient above.
- Otherwise, errors resulting from lack of information do not impose any liability on our company. This technical bulletin invalidates previous bulletins related to this product.