

TECHNICAL DATA

CORUSILOX

PRODUCT DESCRIPTION

CORUSILOX is a solvent and silane-siloxane based surface impregnation and primer material that penetrates the surface it is applied to, creating a transparent barrier against water in the capillary channels and providing excellent water repellency. It does not affect the water vapor permeability of the surface and thus does not prevent the surface from breathing.



AREAS OF USE

- The surface to be applied must definitely have a strong flow slope.
- It is used on all kinds of concrete surfaces, mineral plasters, highly absorbent surfaces such as aerated concrete, brick, tile, on mineral-based natural and artificial stones, on mineral-based painted surfaces, and on monuments, statues and historical buildings made with these materials.
- It can be used as a primer on surfaces before painting.
- When used on non-porous or glazed surfaces such as metal, glass, glass tile, glass mosaic, ceramic, etc., the liquid that overflows outside the joint should be wiped off with a damp cloth before it dries. It is not suitable for use under pressurized water or underground where there is high hydrostatic pressure, or on paint.

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 in liquid form, ready to use.
- 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.
- It is 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.
- UV resistance is excellent.

SURFACE PREPARATION

The surface to be applied must be clean and dry. Oil, rust, dirt, mold, dust, etc. must be cleaned from the surface. Cracks and loose parts on the surface must be repaired. It should not be forgotten that the surface must have a strong flow slope. Structural elements such as window frames and glass must be protected before application.

APPLICATION

Application can be done with brush, roller or spray gun. CORUSILOX should be mixed thoroughly 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.

TECHNICAL SPECIFICATIONS

Colour	Transparent
Application temperature	+5°C to +35°C
Complete drying	3 hours
Completion of the course	3 days
Specific gravity	0,79 gr/cm ³
Resistance to sunlight	Perfect

STORAGE, PACKAGING, CONSUMPTION

- Shelf life is at least 12 months from the date of manufacture in its unopened original packaging.
- 16 kg metal fleas
- 4 kg metal lice
- 200–600 gr/m² per application depending on the absorbency of the surface

SAFETY AND WARNINGS

- Since it contains flammable materials, smoking, lighting of fire and use of spark-producing devices (fans etc.) are prohibited during application (S16). Since it emits toxic gas until it dries, when it is used in closed areas or in areas with low air circulation, forced ventilation should be provided and health precautions should be taken (S38/23). 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 by taking into account 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.