

# ISOLANTE F-WB

Insulating/Consolidating water based product for cementitious conglomerate substrates

## NATURE AND USE

Product formulated with special resins in water emulsion. ISOLANTE F-WB thanks to its particular formulation and its viscosity which can be adapted to the required function, simply diluting with water, is particularly suitable to consolidate and to impregnate or to insulate external and internal cementitious surfaces.

It is also an excellent anti-dust coating for concrete

The product increases the adhesion, the spreading capacity and the resistance of further finishing paints.

Protection and insulation are increased with increased thickness of the applied paint.

## TECHNICAL DATA



Type of binder:	Resins in water emulsion	
Specific Weight:	Kg/l	1,00 ± 0,05 @ +20°C
Solids by weight:	%	45 ± 2%
Solids by Volume:	%	45 ± 2%
Colore:	Colourless, milky	

## SUBSTRATE PREPARATION

**Conglomerate mix, in general:** Apply only on substrates free from greases, oils and other contaminants, Better if roughened.

Once prepared the substrate, apply one/two coats of Isolante F-WB as it is or diluted with water up to 5:1, depending on the required function (impregnating agent, insulating, consolidating function or anti-dust function etc.).

When applying in closed areas provide necessary and adequate ventilation during drying.

## PRODUCT PREPARATION

Homogenize the product before use.

## TECHNICAL DATA

Application:	Standard Airless Spray with compression ratio 1:1 minimum Tip size 9-11 Thou Conventional Spray Roller, Brush	
Thinner:	Water	
Thinning:	%	As it is or diluted up to 5:1 with water The ratio depends on the absorption of the substrate and depends on the required function
Cleaning:	Water	
Drying (@+25°C):	Dust dry ~1-3 hours @ R.H. < 55% Note: Drying and film forming depends on R.H. and on ambient temperature	

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The content of the present technical data sheet is the most complete currently available, based on practical experience and given in good faith. Should any change be necessary, the present data sheet will be updated without prior notice. The applying conditions of use differ according to environmental conditions and subjective application factors outside the control of the Company. The user shall determine the suitability of the product for the intended use under his own risk and responsibility. No warranty is impressed or implied. The Company refuses all liability not directly related with defects of the product or consequent to deviations from written instructions.



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Company with quality management system UNI EN ISO 9001:2015 certified

Overcoating @ +20°C:	Minimum after 24 hours / Max. 48 hours
Application Ambient Temperature:	Between +5°C and +40°C
Suggested Temperature of the product:	+10 ÷ +40°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 85%
Thickness per coat:	N/A
Theoretical spreading rate:	sqm/l 9 - 12~ depending on the substrate absorption

### HANDLING STORAGE AND SAFETY PRECAUTIONS

**Warning:** All handling and/or use activities of the product must strictly refer to the given indications in the Safety Data Sheet. The following advices are suggested by the common sense and in good faith, they are uncompleted and do not substitute the content of the specific safety data sheet of the product.

**Handling:** The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product, must be carried on in compliance with all the relevant National Health, Safety & Environmental Standards and Regulations.

**Precautions:** When the product is used inside enclosed areas ( i.e rooms, containers, vessels) it is imperative to provide the necessary air circulation using adequate means and must be granted during the whole time required by application and coating polymerization, to avoid conditions open to potential explosion danger. All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are imperative.

**Storage and transport:** Keep far from flames, sparks or heat sources. Do not leave exposed under the direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at ambient temperatures between +5°C and +35°C.

**Product water based – Protect from frost**

**Shelf life:** 12 months in the suggested storage conditions (original unopened packaging)

N.B.: Product for professional use only and exclusively  
for the uses not regulated under CE Directive 2004/42/CE.

Refer to Material Safety Data Sheet



Access catalogs, TDS and Company presentation