



KRONGUM
ACOUSTIC & WATERPROOFING SOLUTIONS

KRONGUM SOLUTIONS S.R.L

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KRONBASE

Waterproofing water-based bituminous paste

DESCRIPTION OF THE PRODUCT

Water-based bituminous paste for waterproofing of concrete structures such as foundations and retaining walls.

ADVANTAGES

- Good resistance to saline solutions.
- Easy cold application.
- Long lasting product.
- Odourless and non-flammable product.
- Solvent free .

APPLICATION FIELDS

Repair and seal flat, sloped or curve slabs with micro cracks not subject to heavy expansion.

Ideal where solvent-based products are forbidden.

Suitable for forming a levelling mortar after mixing with class 32.5 R cement and sand (weight ratio: 1/3 cement, 1/3 sand, 1/3 **Kronbase**) and adding water, depending on the desired workability, in a quantity of about 20÷25% on the weight of the mixture.

It can be used as a primer, to stop dust on concrete surfaces, when diluted with about 30% water.

SURFACE PREPARATION

Ensure that loose parts, crumbling or non-sticky parts, paint, rust, dust and release agents are removed. Carefully clean the surfaces, which must be solid, even, dry and in the case of concrete surfaces must not have been previously treated with anti evaporation products. Do not apply if bad weather is forecast, which could prevent the product from drying correctly.

MADE IN ITALY



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APPLICATION

Mix before use. Apply by brush, roller or airless spray. - Apply 2 layers to enhance the product performance. - The second layer should be applied when the first one is perfectly dry. - At 25°C the product completely dries after 8 hours (depending on the surface and the applied product quantity). - On exposed vertical walls it is recommended to cover the coat with decorative or reflective water based paints. - Tools should be cleaned with water right after the use; when dry the product has to be removed mechanically or with a thinner.

CONSUMPTION

The average total consumption is 0,8÷1,5 Kg/m².

WARNING

The residual moisture content of the cementitious substrate to be treated must be ≤ 5%. - The product must not be applied on surfaces subject to water stagnation. - Apply at temperatures between +5°C and +35°C, avoiding extreme weather conditions, such as very hot surfaces that might have negative consequences on the cohesion and the adhesion of the product - For further information refer to the most recent safety data sheet.

PACKAGING

20 Kg Buckets

STORAGE

Shelf-life: 12 months in original undamaged packaging. Store it at temperatures between + 5 °C and 35 °C. No frost-proof. Once frozen the product can no longer be used.

MAIN CHARACTERISTICS		
Carachteristic	Test Method	Value
Aspect		Liquid paste
Colour		Dark brown
Shelf life in closed original container		12 months
Solid Content (<i>m/m drying at 130° C</i>)	EN ISO 3251	(49 ÷ 55)%
Brookfield viscosity (<i>at 20° C, Impeller n.5; 10 rpm</i>)	EN ISO 3219	(28.000 ± 5.500) cP
Density (<i>at 20° C</i>)	EN ISO 2811-1	(1,17 ÷ 1,25) kg/L
pH (<i>a 20° C</i>)		8,0 ÷ 11,0
Drying time (<i>out of dust</i>)		90 ÷ 120 minutes*
Complete drying time		12 hours *

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PERFORMANCE CHARACTERISTICS - EN 1504-2
SURFACE PROTECTION SYSTEMS FOR CONCRETE
(C COVERINGS – PRINCIPLES: PI MC IR)

Carachteristic	Test Method	Value
Permeability to CO ₂	EN 1062-6	S _D > 50 m
Water vapour permeability	EN ISO 7783	Classe I (S _D < 5 m)
Liquid water permeability	EN 1062-3	w < 0,1 Kg/m ² ·h ^{0,5}
Tensile bond strength (<i>by pull off</i>)	EN 1542	≥ 1 N/mm ²

* Measures have been recorded with a temperature of 23°C and a moisture of 50%. Declared data can change depending on the thickness of applied product and on the specific conditions of the construction site: temperature, humidity, ventilation, absorption capacity of surfaces.



The information contained in this technical data sheet is to the best of our knowledge correct. However, by no means can it be considered a guarantee, as usage, working area and application of the product in accordance with the instructions given and their success in application is beyond our control and is dependent on a number of factors. We decline any responsibility for the improper use of the product as the application recommendations contained herein are to be considered as a general guideline. If at all in doubt, preliminary tests should be carried out. Krongum Solutions S.r.l. reserves the right to modify and up-date said data sheets without prior notice. Krongum Solutions S.r.l. disclaims any liability arising from non-compliance with the instructions given in this technical data sheet and with the guidelines specified in the safety data sheets. Clients are kindly requested to verify that they are in possession of the current edition.