

AMOTHERM[®] BRICK PRIMER WB

Fire-protection system for cement conglomerate

Rev. March 2010

Acrylic primer for construction

Characteristics: dispersion of acrylic resins in an aqueous solution containing special additives that promote adhesion to cement surfaces and prevent the formation of mold and bacteria.

Fields of use: insulating primer for construction; particularly suitable for the preliminary treatment of brick, concrete, reinforced and precompressed cement surfaces; specifically as an adhesion primer in painting cycles based on AMOTHERM BRICK WB intumescent coating used for the fire protection of structures made of cement conglomerate.

Technical data

Painting cycle:	Single monocomponent product
Color:	Transparent, colorless
Volumetric mass:	1000 -1050 g/l
Viscosity at acceptance testing:	52 sec ±3 sec (DIN 2)
Solid content in weight:	23 - 25 %
Drying:	<ul style="list-style-type: none">▪ 1 h at the surface▪ 4 – 6 h in depth
Open time:	Can be painted over after at least 6 h
Preservation:	indoors at normal temperature; DO NOT ALLOW TO FREEZE.
Storage:	at least 1 year in the original, closed packaging.
Packaging:	per the price list

The technical data provided above refer to measurements of the standard transparent formulation. The application characteristics of the product were measured under normal environmental conditions (temperature 20 °C and relative humidity 60%) and refer to the application of a wet film thickness of 100 microns. Formulations different from the standard examined, applied in different thicknesses and under different environmental conditions could exhibit significant variations from the technical characteristics shown above.

Application notes

Detailed information for the use of AMOTHERM BRICK PRIMER WB, in all the operational phases of the product life cycle, is provided in the relative Material Safety Data Sheet (MSDS); additional information about the application of the product is provided in the APPLICATION MANUAL of reference. The technical documentation is available on, and can be downloaded from, the site www.amonncolor.com.

Below, we summarize the standard operating conditions for correctly applying the product in question.

Preparation of the surface: the surface must be dry and free of dust; before the application of the fixative primer, we recommend completely removing dust, patches of mold and humidity and any efflorescence through energetic brushing or pressure-washing the surface to be treated; in the case of previously-painted surfaces, we recommend carefully removing any loose parts of the preexisting paint. If in doubt, please request technical-application advice.

Application quantity: the recommended quantity of use is about 100 g/m² (100 microns of wet film, corresponding to 15 microns of dry film).

Product preparation: Mix the product well before use.

Dilution: the product is supplied ready to use; if necessary, dilute with a maximum of 5% water, keeping the product constantly agitated for the entire duration of the operation.

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Application: spray or brush. As a rule of thumb, 100 g/m² of product (100 microns of wet film, 40 microns of dry film) can be applied in a single coat, uniformly distributing the product over the entire surface to be treated. We recommend working with a minimum temperature of at least 5 °C and relative humidity less than 70%. Avoid application on surfaces that are too hot or in direct sunlight.

Cleaning the equipment: with water, immediately after use.

The instructions provided in this document represent the most recent state of the information, development and use of product. The application of the materials is out of our control and, therefore, we can only answer for the constant quality of the product supplied.