

## AMOTHERM<sup>®</sup> BRICK TOP WB

Fire-protection system for cement conglomerate

Rev. June 2016

### Water-based acrylic finish for intumescent coating protective systems

**Characteristics:** protective finish for monocomponent intumescent coatings based on acrylic resins in an aqueous dispersion.

**Fields of use:** finishing layer for painting cycles based on an intumescent coating, used in the fire protection of cement and brick structures; specifically for painting cycles based on AMOTHERM BRICK WB water-based intumescent coating, it protects the treatment against environmental attack and makes the applied film resistant to condensation, humidity and water; it is also used for the final coloring needs of the applied intumescent system.

### Technical data

Painting cycle:	Single monocomponent product
Color:	White (other RAL colors upon request)
Gloss:	20 +/- 5 gloss
Volumetric mass:	1100 -1300 g/l
Viscosity at acceptance testing:	100 – 250 sec (DIN 6 mm, 20°C)
Solid content in weight:	45 - 60 %
Drying:	<ul style="list-style-type: none"> <li>▪ 1 – 2 h at the surface</li> <li>▪ 12 – 24 h in depth</li> </ul>
Open time:	Can be painted over after at least 12 h
Preservation:	indoors at normal temperature.
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 white color 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 TOP WB, in all the operational phases of the product life cycle, are 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](http://www.amonncolor.com).

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

**Preparation of the surface:** the product is applied when the underlying intumescent coating is completely dry: under normal air temperature and humidity conditions, 24-48 hours after the last coat are sufficient.

**Application quantity:** the recommended quantity to use is about 120 g/m<sup>2</sup> (100 microns of wet film, 50 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 product constantly agitated for the entire duration of the operation

**Application:** spray or brush. As a rule of thumb, 120 g/m<sup>2</sup> of product can be sprayed on in a single coat (with

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conventional equipment) or applied in two coats with a brush, spaced 12 hours apart.

Do not apply in the case of rain, wind, fog or high humidity or in direct sunlight. Do not work with temperatures lower than 10 °C and in environments with relative humidity greater than 80%. Check that there is sufficient ventilation for the correct drying of the film applied

**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.**