

THERMOSTOP WB

Acrylic thermo-insulating water based one component coating

NATURE AND USE

THERMOSTOP WB is a water based coating, formulated with high value Acrylic resins and is suitable for all types of substrates treated with a suitable Primer. This special formulation provides thermo-insulating function and the applied film has also good sound-proof barrier effect (high thickness application).

Thanks to its characteristics, the coating is suitable to oppose moisture condensation on surfaces affected by important thermal changes. Increases of thickness increase also the isolating properties.

The product has special function in closed areas to prevent mildews formation.

Determination of Volatile Organic Compounds (VOC) – Innovhub SSI test report – No. S-ISSI-2305512

TECHNICAL DATA



Type of Binder:	Styrol Acrylic
Appearance	White Thick liquid
Specific Gravity:	Kg/l 0,950 ± 0,050 @ +20°C
Solids by Weight:	% 60 ± 3%
Solids by Volume:	% 60 ± 3%
Colour:	White
Appearance of applied product:	Matt

SUBSTRATE PREPARATION

All types: Degreased and contaminants free. After roughening, follow with accurate dust removal.

The substrates to coat must always be free from any traces of humidity. The substrate must be treated with suitable primer according to its nature (Aluminium, steel, wood, plastic, plaster, reinforced concrete, etc.). Then apply one or more coats of THERMOSTOP WB up to the wished thickness, respecting the recoat interval as specified in this MTDS.

PRODUCT PREPARATION

Homogenize the product in the original supply can.

APPLICATION DETAILS

Application Method:	Roller followed by brush hand to smooth the surface Standard Airless Spray with compression ratio 30:1 minimum after dilution with water (0 - 25 %)
Thinner:	Water
Cleaning:	Water
Drying @ +25°C:	N.A. Depending on ambient humidity, temperature and applied thickness
Overcoating @ +20°C:	Low thickness Min. 12 / Max. 96 hours High thickness Min. 24 / Max. 168 hours
Application Ambient Temperature:	Between +5°C and +35°C
Suggested Temperature of the product:	+20 ÷ +30°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point

MTDS 0424/ Page 1 of 2

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

Relative Humidity: ≤ 85%

Thickness: 300 – 2000 µm dry (DFT) in several coats

Theoretical spreading rate: sqm/l 1,2 at 500 µm dry (DFT)

More info by writing to sales@industri brunostoppa nipa ntpa nts.com or by calling +39 030 9745116

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.

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 catalogues, data sheets and company presentations