

STOPFLOOR

TOP WB

Two component water based epoxy finish

NATURE AND USE

Stopfloor Top WB is a two-component water-based epoxy-polyamine enamel with a glossy appearance. The film fully polymerized, has good inertia in contact with alkalis, mineral oils, brackish and sweet water, mold, etc. Designed for the finish of civil and industrial floors as it is characterized by excellent hardness and abrasion resistance, Stopfloor Top WB can also be used in initial anti-corrosion or maintenance systems, to paint metal structures in general, operating in severe exposure conditions wherever necessary and required high and long-lasting passive protection.

Note : Like all materials of the same nature and type also Stopfloor Top WB polymerized film, when exposed in air in external ambient, due to the action of atmospheric agents (sun, rain etcetera) may undergo colour changing with chalking and tarnishing. These phenomena are only aesthetic ones and do not indicate a loss of the corrosion protection property from the coating as the characteristic of the film is not altered.

TECHNICAL DATA



Specific Weight A+B	Kg/l	1,20 ± 0,10 @ +20°C
Solids by weight:	%	50 ± 3 % A+B
Solids by Volume:	%	42 ± 2 % A+B
Mixing Ratio by Weight:		80 parts of Base / 20 parts of Hardener
**Pot life @ +20°C:		2 ± 0,5 hours
Colours:		RAL, on request

SUBSTRATE PREPARATION

All substrates:

Cleaned, degreased, contaminant free and perfectly dried.

Cement:

Cleaned, degreased (less than 4% pf humidity), slightly roughened and free from friable particles, oil, grease, efflorescence and treated with a suitable primer.

Steel/Cast iron:

Cleaned, surfaces must be blast cleaned down to minimum SA 2 ½ according to ISO 8501-1, medium roughness profile of about 40 - 50 µm Rz DIN (cut off 2.5) and must be treated with a suitable primer.

PRODUCT PREPARATION

Mix the two components separately. Add component B to component A and stir until the complete homogenization is reached (Thinning only if necessary).
Await 5-10 minutes before starting the application.

** The "POT LIFE" of two components products (time within which it is possible to apply the paint mix of Base and Hardener), is exponentially dropped by the increase of product temperature.

Note: The use of a mix of paint (Base + Hardener) over the POT LIFE is irreparably compromising all the properties of the coating film.**

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APPLICATION DATA

Application:	Standard Airless Spray with compression ratio 30:1 minimum (nozzle pressure ~ 160 atm.), nozzle Ø 9 -15 Thou with different fan width depending on the geometry of the item to be coated. Conventional Spray Brush, Roller
Thinning:	Should thinning in particular environmental conditions be required, only water can be added, up to a Max. of 5-10 %
Cleaning:	Water
Hardening @ +25°C:	Touch dry 3-4 hours Through dry 24-36 hours Fully cured 7-10 days @ +25°C
Overcoating Interval @ +20°C:	Min. 24 hours / Max. 48 hours
Application Ambient Temperature:	Min. +8°C / Max +40°C
Suggested Temperature of the product:	+20 ÷ +30°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 85%
Suggested thickness:	50 µm dry (DFT); 100 µm wet (WFT) Min. 40 – Max. 60 µm. dry (DFT) Min. 75 – Max. 110 µm wet (WFT)
Theoretical spreading rate:	sqm/l 8,4 at the suggested thickness, equal to 7 sqm/kg

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

HANDLING STORAGE AND SAFETY PRECAUTIONS

Warning: All handling and/or use activities of the material and its components must strictly refer to the given indications in the Safety Data Sheet (Base and Hardener). The following advices are stated by common sense and in good faith, they are uncompleted and do not substitute the content of each 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 in enclosed areas (rooms, containers, vessels, etc.) it is imperative to use adequate means providing the necessary air circulation, to be granted during the whole application and coating polymerization time, also 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- shoes and clothing. Explosion and flame-proof equipment too are required.

MTDS 02023/ Page 2 of 3

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

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

Attention: This is a water based product and consequently is affected by frost.

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

MTDS 02023/ Page 3 of 3

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