

### NATURE AND USE:

Stopcem EP TOP WB is a two component, Epoxy resin water based, with glossy appearance, suitable as finishing Anti-dust coat, strengthening and impregnating agent function as well as binder or additive function with cement Mix, to improve its mechanical performances.

**Note:** Like other materials of the same nature and type, also Stopcem EP TOP WB polymerized film, when exposed in air in external ambient, due to the action of atmospheric agents (sun, rain etc. ) 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 itself as the characteristic of the film is not altered.

### TECHNICAL DATA



Specific Gravity A+B	kg/l	1,05 ± 0,05 @ +20°C
Solids by Weight:	%	35 ± 2 % A+B
Solids by Volume:	%	33 ± 2 % A+B
Mixing Ratio by Weight:		100 parts of Base / 30 parts of Hardener
**Pot life @ +20°C:		≥ 3 hours
Colour		Colourless

### SUBSTRATE PREPARATION

**Concrete mix in general:** Apply only on substrates free from oils, detaching greases and any other surface Contaminant. Roughened substrate preferred.

### PRODUCT PREPARATION

Homogenize the Base and the Hardener in the original containers. Add the Hardener to the Base and mix to get a complete homogenization. (Dilute if necessary) Let the mix rest for 5 - 10 minutes before the application.

\*\* The "POT LIFE" time 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 time is irreparably compromising all the properties of the coating film.\*\*

### APPLICATION DETAILS

Application method:	Standard spray airless with minimum compression ratio 1:1 Spray nozzle Ø9-11 Thou Conventional spray Roller, brush In mix at 5% or more when used as binder in cement mix
Thinner: Thinning:	Water Possible thinning in particular conditions only with water 10% maximum. The quantity depend on the absorption of the cement mix and The type of use required.
Cleaning:	Water
Hardening @ +25°C:	Touch dry 3 - 4 hours with R.H. < 55% Through dry 24-36 hours with R.H. < 55% Full cured in 7 - 10 days @ +25°C with R.H. < 55%

Note: The hardening and film forming time of the product depend on Relative Humidity and ambient temperature.  
In enclosed areas provide the necessary air circulation during Hardening.

Recoat interval @ +20°C:	Min. 24 – Max. 48 hours with R.H. < 55%
Application Ambient Temperature:	Between +5°C and +40°C
Suggested Temperature of the product:	+10 ÷ +40°C
Substrate Temperature:	+5 / +40°C always at least +3/5°C above dew point
Relative Humidity:	≤ 85%
Thickness:	N/A
Theoretical spreading rate:	sqm/kg ~8-10 depending on concrete mix absorption

More info by writing to [sales@industribrunostoppainpaints.com](mailto:sales@industribrunostoppainpaints.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-sparking shoes and clothing. Explosion and flame-proof equipment too are required.

**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.

**Important :** this is a water based product and can be 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

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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