

DECKSTOP

Two component epoxy product for decks

NATURE AND USE

Epoxy filling product of versatile use formulated with special charges, in the boat sector, studied to level and fill wide areas, especially decks.

Thanks to its excellent suitability to the application and elasticity when full cured, "Deckstop" can be applied in high thickness, on steel, aluminium, wood, fiberglass-gelcoat and concrete works with prior appropriate primer application.

Once hardened "Deckstop" is easy to sandpaper and has a very reduced decrease coefficient.

TECHNICAL DATA



Specific gravity A+B: Kg/l 0,75 ± 0,05 @ +20°C

Solids by Weight: % 98 ± 2 % A+B

Solids by Volume: % 98 ± 2 % A+B

Mixing Ratio by Weight: 87 parts of Base / 13 parts of Hardener

Mixing Ratio by Volume: 90 parts of Base / 10 parts of Hardener

****Pot life @ +20°C:** ~ 2 hours (*the higher is the temperature, the lower will be the pot life of the mix Base + Hardener)

Colour/appearance of the applied film: Aviation blue

SUBSTRATE PREPARATION

All the substrates:

Degrease and remove contaminants from the surface. Roughen the substrate and remove dust. Verify that the substrates to coated with "Deckstop" are perfectly free from humidity, correctly pre-treated and coated with appropriate primer or insulated with suitable two component epoxy product.

Following the recoat interval specified after the undercoat application (and/or after prior roughening of it) apply "Deckstop" in the wished thickness (no more than 2 cm per coat).

To get an even and levelled surface, apply the product in multiple coats as necessary, with minimum recoat interval of 36-48 hours between each coat (@+20°C), taking care while applying, to sandpaper and to remove dust between each coat.

Remove possible imperfections on the surface, if any, applying "Stopper Finisher".

Sandpaper with fine-grained abrasive paper and apply a suitable undercoat before finishing with the topcoat.

New steel:

Sandblast to grade SA 2,5 according to ISO 8501/1 with roughness profile 40 – 50 µm and apply an appropriate epoxy primer. Continue following the same procedure suggested for "all the substrates".

Substrates of different materials:

Correctly pre-treated and roughened, apply a suitable primer and then an epoxy treatment.

Continue following the same procedure suggested for "all the substrates".

PRODUCT PREPARATION

Stir separately the Base and the Hardener in their original supply cans.

Mix Base and Hardener in the right proportion stirring the mix to obtain the complete homogenization and a uniform colour of the mix. Apply the product by spatula.

** 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.**

MTDS 03018/ Page 1 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.



INDUSTRIE BRUNO STOPPANI R.P.S. S.r.l.

Sede Operativa: Via Industriale 90-119 25020 Capriano del Colle (Bs) - Italy - Phone +39 030 9745116 - Fax +39 030 9745383

sales@industri brunostoppa nipa nts.com - www.industri brunostoppa nipa nts.com

Company with quality management system UNI EN ISO 9001:2015 certified

APPLICATION DETAILS

Application method:	Spatula
Thinning:	Ready to use the correct mix of base and hardener is ready to use
Cleaning:	Epothinner
Hardening @ +25°C:	Touch dry 24 - 36 hours Through dry 36 - 48 hours Sandpapering after 36 - 48 hours minimum Full cured 10 days
Recoat interval @ +20°C:	36 - 48 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
Relative Humidity:	≤ 85%
Theoretical spreading rate:	m ² /l 0,2 per coat at a dry film thickness of 5000 µm (DFT)
Suggested thickness:	no more than 2 cm per coat

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.

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