

NATURE AND USE

SEALERBLOCK EP is a two-component epoxy resin with low viscosity and fast cure, studied to treat joints of floors made of stone materials (cubes) and previously filled with draining gravel. SEALERBLOCK EP after pouring until complete impregnation of joint is reached, thanks to its special rheological characteristics, deeply penetrates adhering to the gravel and to the stone giving origin to one structure only "stone / resin/ draining gravel", performing with remarkable resistance to chemical agents and to mechanical damages, good resistance to thermal expansions and to vibrations caused by heavy traffic also and excellent resistance to hydrolysis: the system is able to dynamically react to loads of a decomposed multiple types of traffic.

The flooring treated with SEALERBLOCK EP is suitable for vehicles after only 24 hours (+25 °C – 50 % ambient R.H.) from the treatment, there is no need of special maintenance during time and has also sound absorption properties.

Avoid application in critical conditions of temperature and humidity (We recommend temperature not lower than +5°C)

TECHNICAL DATA



Type of Binder:		Epoxy - Polyamine
Specific Gravity A+B:	Kg/l	1.10 ± 0.05 (Base) / 1.10 ± 0.05 (Hardener) @ +20°C
Solids by Weight and Volume:	%	100 % ± -2% A+B
Mixing Ratio by Weight and Volume:		100 parts of Base / 50 parts of Hardener
**Pot life @ +20°C:		45 minutes

PRODUCT PREPARATION

Homogenize well the two components and keep waiting 5 minutes before 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:	casting
Thinning:	Product ready to use
Cleaning:	Thinner for epoxy products
Hardening @ +25°C:	The flooring is suitable for vehicles after at least 24 hours in conditions of ambient R.H. 50%
Relative Humidity:	< 85%
Theoretical spreading rate:	Product used used for the saturation of absorbent surfaces with inert material and thus its rate will depend on roughness, porosity and layer of gravel and on application method

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

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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

**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