

KOATEC WB

One component water based stoving varnish

NATURE AND USE

“One pass”, one component water based varnish, odourless and fast drying, with transparent and semi-glossy final appearance. Coating product with very low VOC content.

KOATEC WB is studied with particular and innovating polymers /additives conferring to its formulation good corrosion protection performances and indicate the product as one pass finishing coating to protect all steel, chromium plated or light alloys and copper works when exposed in atmospheres of medium aggressiveness . Ideal for dipping or spray application.

Koatech WB after full curing, forms a protecting film highly hydrophobic with good resistance to mechanical stresses, to thermal shock and to the oxidation forming on the metal substrate.

TECHNICAL DATA



Type of Binder:	Acrylic resin water modified
Viscosity @ +20°C:	s 30 s ± 5 Ford Cup Ø 4
Specific Gravity:	Kg/l 1,05 ± 0,05 @ +20°C
Solids by Weight:	% 25 ± 2%
Solids by Volume:	% 22 ± 2%

SUBSTRATE PREPARATION

New steel, chromium plated steel, light alloys and copper: The surface to coat must be suitably cleaned to eliminate possible traces of dirty and must be free from oils, greases and all types of contaminant not to compromise the adhesion of KOATECH WB to the item to be protected.

PRODUCT PREPARATION

Homogenize the product before using it.

APPLICATION DETAILS

Application method:	Dipping (recycling tank) or spray
Thinner:	Water
Thinning:	% 0% - 10%
Cleaning:	Water
Drying @ +25°C:	Dust dry 10 / 15 minutes, touch dry 30 minutes (depending on atmosphere R.H.);
Stoving:	Coating flash off at Ambient Temperature for at least 20-30 seconds followed by ventilated oven pass during 20-50 seconds @ +160/+170°C
Application temperature:	≥ +10°C.
Relative humidity:	affecting only drying time
Typical thickness per coat:	10 - 20 µm dry (DFT)
Theoretical spreading rate:	sqm/l ~ 14,7 at the thickness of 15 µm dry (DFT)

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

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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

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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

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