

### NATURE AND USE

Fast drying water based enamel with acrylic modified resins and active corrosion protection pigments. The product has a low VOC content. STOPKOTE WB is a paint providing high covering power and corrosion Protection. Suggested as "one pass" finish coating in the traditional systems to protect any steel works exposed in medium aggressively atmosphere. Ideal to coat with spray application joints, flanges, gas cylinders, general carpentry items etc.. STOPKOTE WB after full curing, forms a protecting film providing good resistance to mechanical stresses and to the oxidation forming on the metal substrate.

### TECHNICAL DATA



Type of Binder:		Water based Acrylic modified resins
Viscosity at +20°C:	s	80'' ± 10 s Ford Cup Ø 4
Specific Gravity:	Kg/l	1,20 ± 0,10 @ +20°C
Solids by Weight:	%	50 ± 2%
Solids by Volume:	%	40 ± 2%
Colour:		RAL
Gloss:		60 ± 5 (semi-glossy appearance)

### SUBSTRATE PREPARATION

**All substrates:** All the surfaces must be adequately cleaned to eliminate possible traces of dirt or salt residuals. The substrate must be free from all residuals of oils, grease and any contaminant not to compromise the adhesion of STOPKOTE WB to the item to coat.

**New Steel:** Possibly perform blast cleaning to SA 2,5 minimum according to ISO 8501/1 with roughness Profile RZ Din 20-30 µm. When blasting is not possible, eliminate all traces of rust and calamine with mechanical brush or abrading disk. The substrate must be dust free using compressed and dehumidified air jet. Once finished the substrate preparation, immediately apply STOPKOTE WB.

**Coated steel:** Verify the compatibility of STOPKOTE WB with the old paint on the substrate. Scrape off detaching paint and coatings not well adhering, use mechanical brush or abrasive disk to remove rust, alternatively sandpaper the substrate using medium size paper ( i.e. grain 220). Accurately de-dust the substrate using compressed dehumidified air jet. Immediately after preparation of the substrate apply STOPKOTE WB.

### APPLICATION DETAILS

Application method:		Standard Airless Spray with compression ratio 30:1 minimum Conventional Spray
Thinner:		Water
Thinning:	%	Spray 0% - 10%
Cleaning:		Water
Drying @ +25°C:		Dust dry 10 / 15 minutes (depending on atmosphere R.H.) Handling 25 / 35 minutes (depending on atmosphere R.H.) Through dry after 20 / 24 hours (depending on atmosphere R.H.)
Overcoating interval @ +20°C:		After 1 – 2 hours

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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

Application temperature:		≥ +10°C
Temperature of the substrate:	°C	Min. +10°C up to + 40°C Always at least +3/5°C above dew point
Relative humidity:	%	< 85 % (it is affecting only drying time)
Suggested thickness:		40 µm dry (DFT) equivalent to about 100 µm wet (WFT)
Theoretical spreading rate:	sqm/Kg	~ 8 - 9 at the thickness of 40 µm dry (DFT)

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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