

BENGALACK METAL PRIMER (ARCANOL)



Anti-corrosive paint

F010603 02.2010

Bengalack Metal Primer is an anti-corrosive paint. Due to its good weather resistance, it may be used as a primer as well as a topcoat on steel, iron, zinc and galvanized substrates, etc. It may also be used on wooden substrates. Bengalack Metal Primer is suitable on substrates where the substrate temperature does not exceed + 90 °C.

PHYSICAL DATA:

Type.....	Anti-corrosive, alkyd based paint
Colour.....	White, black and 6 special colours
Gloss.....	Semi-gloss20
Viscosity.....	
Specific gravity.....	1,25 (White)
Solids by volume %.....	45
Flash point, degrees centigrade.....	36
Flexibility.....	
Hiding power (ISO 3905).....	
Water vapour permeability (ASTM D 1653).....	
Adhesion.....	
Adhesion (ISO 4624), dry.....	
Adhesion (ISO 4624), wet.....	
Adhesion (ISO 4624), after drying.....	
Particle size.....	
pH value.....	
pH value ready-mixed solution.....	
Weather resistance.....	
Gloss retention.....	
Water resistance.....	
Chemical resistance.....	
Solvent resistance.....	
Abrasion resistance.....	

RECOMMENDATION FOR USE:

Film thickness, dry.....	35 microns
Film thickness, wet.....	80 microns
Recommended spreading rate.....	8 - 10 m ² /litre
Recommended spreading rate, sawn wood	
Recommended spreading rate, planed wood	
Application methods.....	Brush, roller or airless spray
Guiding data for airless spray:	
Nozzle.....	0,018" - 0,024"
Spray angle.....	60 - 80 degrees
Pressure at nozzle.....	Min. 150 kg/cm ²
Drying times, (guiding data at 23 deg. C, 50% R.H.):	
Dust dry.....	4 - 5 hours
Dry to touch.....	hours

Interval between coats.....	Min. 10 hours
Dry to use.....	Min. 24 hours Dependant upon temperature, humidity, ventilation and film thickness.
Reaction time.....	hours
Thinner/cleaning agent.....	Jotun No. 2 thinners / white spirit.
Mixing ratio.....	
Pot-life.....	hours
Conditions during application.....	
Substrate.....	
Drying time before sanding.....	hours
Launching.....	

SAFETY DATA:

A Material Safety Data Sheet has been issued for this product.
EU limit value for this product (cat. A/i): 500 g/l (2010). This product contains max 500 g/l VOC.

FLAMMABILITY CLASSIFICATION:

Norway.....	B
Sweden.....	2b
Denmark.....	-

MISCELLANEOUS:

Tinting.....	Not to be tinted
Size of containers.....	White, black and grey: in 1, 3 and 10 litres 6 ready mixed colours in 1 and 3 litre only
Remarks.....	Stir well before use. Contents of tins with different batch numbers must be mixed together before use, to avoid possible colour deviations.

DIRECTIONS FOR USE:

PRETREATMENT:

The substrate must be free from rust, mill scale, loose paint, oil or other contamination. Corroded areas to be wire brushed to St. 2 - 3 according to SIS 0559000 and washed with a suitable detergent. Old paint with good adhesion to the substrate does not need to be removed, but it should be washed with detergent and lightly abraded. Hose down well with fresh water afterwards. Galvanized and aluminum surfaces must be degreased with a suitable detergent. Rinse well with clean water and lightly abrade.

METHODS OF USE:

Stir well until the paint has a homogenous body. The substrate must be dry. Minimum 2 coats of Bengalack Metal Primer is always recommended for sufficient anti-corrosive protection and in order to achieve the correct dry film thickness. May be left without a finishing coat, but if so an additional coat of Bengalack Metal Primer must be applied. If additional colour is required, apply Bengalack 06, Bengalack 90, or Pilot II as a topcoat.

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

Paint should be looked upon as a semi-manufacture. The result is dependent on construction, the condition of the substrate, pre-treatment, temperature, relative air humidity, application etc.