

ARC RITE



Paints & Industrial Coatings

Arc-Rite Paints Direct To Metal Smooth

TECHNICAL DATA SHEET

DESCRIPTION

Arc-rite Paints Direct To Metal Smooth contains zinc phosphate, and has excellent anti - corrosive properties for metal. Fast drying and available in a wide range of colours and 3 finishes.

USES

Arc-rite Paints Direct To Metal Smooth can be brushed or sprayed to provide protection to metal surfaces.

It is recommended for the protection of structural steelwork, gates, railings etc

PROPERTIES

Volume solids: Average 49%

Coverage: Approx 8-10 square metre per litre depending on application

Drying times at 20°C — Touch dry: Within 1 hour

Hard dry: Between 8-10 hours at 20c

Recoating time: Overnight

SURFACE PREPARATION

All ferrous surfaces must be clean and free from oil, grease, mill scale, rust and existing coatings. This is best achieved by grit blasting, although thorough wire brushing can be sufficient. Some rust removers based on phosphoric acid tend to leave an electrically insulating film on ferrous metals and must not be used.

Aluminium, Galvanised and Stainless steel should primed with etch / twash prior to application.

Product can be applied to wood however coverage and gloss level will depend on porosity and finish of the substrate. All substrate should be clean and dry.

Can be applied to most plastics – we recommend the use of an adhesion primer first and always test to ensure suitability.

MIXING & PACKAGING

The Product must be thoroughly stirred to give a uniform product prior to application. It is recommended that the contents are stirred periodically during application to avoid settlement.

Should it be found necessary to thin, only Arc-Rite No. 8 Thinner should be added, at a rate not exceeding 10-15% thinner to paint ratio.

APPLICATION

In order to obtain the protective properties, it is important that the correct rate of application is achieved. The minimum application temperature is 10°C or 3 degrees above the dew point. All care should be taken to ensure that the product is hard dry before exposing to rain, sleet and snow, in particular, standing water to avoid solvent entrapment while full cure takes place.

If applying by brush and roller care must be taken to ensure that the product is not applied too thin. As a primer and finish with High Build and fast dry properties, do not apply too thin.

In warm weather (20c+) and cold weather (10c) 5% thinners can aid application.

CLEANING

Clean tools with No 8 Thinner or Gunwash

HEALTH & SAFETY

It is recommended that barrier creams, gloves and protective clothing be worn when using Arc-rite Paints Direct To Metal Smooth. If eyes are affected wash with copious amounts of cold water and seek medical advice. For hands, wash with soap and water.