

ARCHCO™ PD2 PRIMER

Primer for Archco™ Linings

Description

Archco™ PD2 Primer is a two-component primer.

Uses

Acts as a holding primer/prefabrication primer for prepared steel substrates (see Doc. Ref. 31A/1). A substrate sealer for concrete.

Features

- High volume solids
- Primes the surface prior to the application of Archco™ Linings
- Suitable for prepared steel or concrete surfaces.

Application

Archco™ PD2 Primer should be applied by brush, roller, conventional or airless spray in one coat to a uniform thickness of 25 and 50 microns.

The uncatalysed material must be mixed thoroughly using a mechanical whip. The material should then be catalysed according to quantity and ambient temperature. As a general rule, use 1 to 4% Archco™ C3 Catalyst should be used. Ideal catalyst ratio is 2%. Use all mixed material immediately. Use of less than 1% catalyst will not produce a full cure of the coating material. Inadequate mixing will lead to areas of unsatisfactory cure.

Carry out visual inspection and ensure that there are no sags or runs.

Clean tools and equipment with Archco™ T2 Cleaner within the material's pot life. Take care to not contaminate coating material with Archco™ T2 Cleaner.



Archco™ PD2 Primer

TECHNICAL DATA

PROPERTIES	VALUE
Colour	Red
Application Method	Brush, Roller, Conventional Spray or Airless
Catalyst	Archco™ C3 Catalyst
Surface Preparation	Grit blast to SA2 ½ min.
Solids Content	98 - 99%
Specific Gravity	1.02
Dry film thickness per coat	25 - 50 micron
Theoretical Spreading Rate (per m ²)	0.06 kg (Steel), Concrete (0.25 kg)
Practical Spreading Rate (per m ²)	0.15 kg (Steel), Concrete (0.25 kg)
Relative Humidity During Cure	90% Rh
Min. Substrate Temperature	5°C
Min. Dewpoint/Substrate Differential	Dewpoint + 3°C
Overcoating Times	6 h to 21 days (Temperature Dependant)
Dilution	Not Applicable
Tool Cleaning Solvent	Archco™ T2 Cleaner
Airless Spray Tip Size	0.019"-0.31" (325-475 micron)
Pressure at Tip	1500-2000 psi (105-140 kg/cm ²)
Pot Life	40 - 60 mins
Flash Point	32°C

STORAGE/SHELF-LIFE: Minimum 3 months when stored in original containers @ 20°C. 1 year shelf-life when stored at 10°C.

CLEANING: Clean equipment with Archco™ T2 Cleaner.

HEALTH AND SAFETY: Wear protective clothing and ensure adequate ventilation. Avoid contact with skin and eyes. See safety data sheet for further information.

PACKAGING: 4 kg and 20 kg



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