



CODE: 651200

REVISION: 04

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ACRI 700 PRIMER

Product Description

ACRI 700 PRIMER is fast-drying and an effective anti-rust primer based on acrylic resin and drying by evaporation of the solvents. It can be applied directly to bare steel or existing paint film such as acrylic, chlorinated rubber and epoxy. It also has good workability and it is possible to obtain a thick coat especially by spray application.

Product Information

Type	Acrylic anti-rust primer					
Recommended Use	Anti-rust primer for ships' topside and superstructure					
Colour	Silver, Silver Red-Toned					
Flash Point	24°C					
Density	1.23 G/mℓ					
VOC	492 G/ℓ (EPA Method 24)					
Volume Solids (VS)	43 ± 2%					
Coverage (Theoretical)	10.5 - 5.4 m ² /ℓ					
Wet Film Thickness	93 - 186 μm					
Dry Film Thickness	40 – 80 μm					
Drying Time (at D.F.T. 60 μm)	Temperature	0°C	5°C	10°C	20°C	30°C
	Surface Dry	2 hrs	1.5 hrs	1.2 hrs	1 hr	30 mins
	Hard Dry	10 hrs	8 hrs	7 hrs	6 hrs	4 hrs
Painting Interval (at D.F.T. 60 μm)	Minimum	12 hrs	10 hrs	8 hrs	7 hrs	5 hrs
	Maximum	-	-	-	-	-
Thinner	CR/Acri Thinner A					
Method of Application	Airless spray, Roller, Brush					
Condition of Application	Temperature	: Minimum 0°C				
	Humidity	: Maximum 85 % R.H. Dew Point +Minimum 3°C				
	For Airless spray:					
	Tip No.	: GRACO 721, 723				
	Paint output pressure	: 11.7 – 17.7 MPa				
	Viscosity	: 120 sec (Ford Cup No.4)				
	Spray Speed	: 60 - 80 cm/sec				
Thinning	: 0 – 15% by volume					
Recommended Surface - preparation`	Remove oil and grease, etc. Remove salt and other contaminants by (high pressure) fresh water cleaning and completely dry. Water jetting: Consult your Dekro representative for recommendations. Type and degree of surface preparation depends on type and condition of actual substrate and on desired performance. Use in accordance with standard worldwide marine specifications.					



Product Information (continued)

Preferable Preceding Coats	Shop primer coating such as Epicon Zinc HB-2, NZ Primer, Cerabond 2000
Preferable Subsequent Coats	Acri 700 Finish
Packaging	One pack product
Pack Size	5 litre; 20 litre

Notes

1. Ventilation shall be maintained from coating application until the completion of drying in order to remove residue of solvents and promote curing.
2. Excessive thinning results in reduce sag resistance.
3. Density, VS and VOC are calculated from the formula of representative paint colour (Light Grey) without thinning. Values may vary depending on colour, manufacturing process, local regulations, etc.

Application

Correct surface preparation is essential for good product performance and all surfaces should be prepared as per the standard Dekro Preparation Specifications. Copies of these are available on request from your nearest Dekro Paints branch and/or stockist or can be downloaded from our website.

Safety Instructions

Always keep out of reach of children and animals.

Wear a suitable dust mask and goggles when preparing surfaces. Ensure good ventilation during application and drying.

If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.

If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.

Harmful if swallowed. Seek medical attention and do not induce vomiting.

General

Different surfaces and environmental conditions require specific painting systems to produce the best possible results.

It is therefore recommended that you contact a Dekro Sales representative for advice on all your painting requirements whenever possible.

The technical data furnished is given to the best of our knowledge and based on controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.