SEAJET 017 Epoxy Bonding Primer for Alloys

SEAJET 017 Epoxy Bonding Primer for Alloys is an epoxy primer for aluminum, aluminum alloy, lead and bronze.
Characteristics:
- Maximises adhesion to aluminium and alloys and offers superior performance to etching primers.
- Can be used above and below water.

TECHNICAL DATA				
Type	Thin film epoxy primer			
Recommended use	Primer for aluminum, aluminum alloy, lead and bronze.			
Surface Preparation	Remove all contamination from the surface to be coated. Degrease if required. Abrade aluminium with P80-120 sandpaper. For bronze surfaces, key the surface by abrading using P80 wet paper or Scotch Brite HPCSU-R. After final cleaning, apply 1 coat of SEAJET 017.			
Physical Data (Mix)	Colour:	Clear white		
	Flash point:	29°C		
	Volume solids %:	47 ±2	(ISO : 3233 (1998))	
	VOC (Theoretical):	496 g/l.		
Application Details	Mixing ratio:	Base: 71	Hardener: 29	(by volume)
	Thinner:	SEAJET THINNER E		
	Application Data:	Airless spray, brush, roller*		
	Add the hardener to the base whilst mixing. Stir well before use.			
	Min.Temperature:	5 °C		
	Max. humidity:	85% R.H.		
Spray Details	Tip No.:	Graco 517, 413		
	Paint output pressure:	6.9 - 10.3 MPa		
	Thinning:	0 - 20% (by volume)		
Film thickness and spreading rate:		Min.	Max.	
	Film Thickness, wet:	53	74	µm
	Film Thickness, dry:	25	35	µm
	Spreading Rate: (theoretical)	18,8	13,4	m²/l
Preferable preceding coating	-			
Preferable subsequent coating	SEAJET 117 or SEAJET 118 Epoxy Primer, SEAJET 011 Underwater Primer, SEAJET Pellerclean, SEAJET Speed Finish.			
Packing	Two Pack Product			
Notes	*Film thickness and spreading rate depends on application method.			

Coating data

Temperature	Drying time (at DFT 25 µ)	Overcoating interval (at DFT 25 µ)	Induction time	Pot life	Dry to launch	Remarks
-5 °C	-	-	-	-	-	-
0 °C	-	-	-	-	-	-
5 °C	Surface dry:1 hour Hard dry 12 hours	Min.: 16 hours Max.: 7 days	30 min	24 hours	-	-
10 °C	Surface dry:45 min Hard dry 8 hours	Min.: 12 hours Max.: 7 days	30 min	20 hours	-	-
20 °C	Surface dry:30 min Hard dry 6 hours	Min.: 8 hours Max.: 7 days	15 min	18 hours	-	-
30 °C	Surface dry:20 min Hard dry 4 hours	Min.: 6 hours Max.: 7 days	-	12 hours	-	-

Note: Drying times and overcoating intervals will increase with increasing film thickness applied.
Before re-coating, always check that the existing paint film is 'through' dry.

Safety information: If Health, Safety and Environmental information is required a Health and Safety Data Sheet can be obtained from Chugoku Paints B.V.

Personal Protection advice and additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

a. Observe the precautionary notices displayed on the container.
b. Provide adequate ventilation.
c. Avoid skin contact and inhalation of spray mist.
d. If the product comes into contact with the skin, wash thoroughly with luke warm water and soap or suitable cleaner. If the eyes are contaminated, irrigate with water and seek medical advice immediately.
e. Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Definitions:

Tolerances:	The numerical information quoted in this Technical Data Sheet is subject to normal manufacturing tolerances.
Spreading Rate:	The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions, etc.
Volume Solids:	The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the Chugoku Standard Method corresponding to ASTM method D2697.
Overcoating Intervals:	The intervals given assume preparation consistent with good painting
Hard dry:	The time taken until the product can be walked on without damaging it. Time taken until full mechanical strength is obtained is longer.
V.O.C.:	Theoretical quantity of volatile organic compounds in g/l.