



CODE: 358080

REVISION: 04

DATE: 20 April 2023

SILICON NO. 400 SILVER

Product Description

SILICON No. 400 SILVER is a silicone resin aluminium paint based on silicone resin and aluminium pigment. It has the following advantages:

1. It has excellent heat resistance up to 400°C.
2. It has excellent adhesion property.
3. It has excellent weathering resistance.

Product Information

Type	Silicone resin heat resisting aluminium paint				
Recommended Use	Boiler, cylinder of engine, the inside of the exhaust pipe, radiator stove, oil burner, steam pipe, etc.				
Colour	Silver				
Flash Point	27°C				
VOC	576 G/ℓ (EPA Method 24)				
Volume Solids (VS)	41 ± 2%				
Coverage (Theoretical)	16.67 - 11.1 m ² /ℓ				
Wet Film Thickness	61 - 85 μm				
Dry Film Thickness	25 - 35 μm				
Drying Time (at D.F.T. 30 μm)	Temperature	10°C	20°C	30°C	40°C
	Surface Dry	45 mins	30 mins	15 mins	8 mins
	Hard Dry	8 hrs	5 hrs	3 hrs	1.5 hrs
Painting Interval (at D.F.T. 30 μm)	Minimum	12 hrs	8 hrs	5 hrs	3 hrs
	Maximum	-	-	-	-
Thinner	Acri Thinner				
Method of Application	Airless spray, Roller, Brush				
Condition of Application	Temperature	: Minimum 10°C			
	Humidity	: Maximum 85 % R.H.			
	For Airless spray:				
	Tip No.	: GRACO 415			
	Paint output pressure	: 8.8 - 11.8 MPa			
	Viscosity	: 10 - 20 sec (Ford Cup No.4)			
	Thinning	: 0 - 15% by volume			
Preferable Preceding Coats	Silicon No. 400 Silver				
Preferable Subsequent Coats	-				
Packaging	One pack product				
Pack Size	5 litre				
Shelf Life at 25°C	In unopened container : 12 months				



Notes

1. Heating for 2 hours at 250°C is recommended for complete curing.
2. Dry film thickness in excess of 40 microns per coat is not recommended, to avoid blistering.
3. The coating may be used on other substances.

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.

Technical Data Sheet

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.