

Technical Data Sheet			
	Series S106	Article Name ICROPOLYCOAT-EE WHITE 9016 (RMP)	Issue 2020.03

Basic Information		
Article Code SBEES106GMI9016	Family : EPOXY ESTER PRIMER /FINISHING Color : WHITE RAL 9016 Compatibility : ICROMIX PASTES "S" SERIES Blend converter + paste : 1000 + 50 g\ Kg	Thinner: S901 STANDARD S932 FAST S960 NITRO

Description :

Fast drying primer/finishing with a wide spectrum of use. Suitable for application on steel supports, galvanized steel and other supports such as aluminium, brass and copper. Suitable for over application with powder paints.

Article features:

- ✓ Excellent matt appearance, fast drying
- ✓ Good corrosion resistance
- ✓ Low absorption of the finish
- ✓ Excellent adhesion on all metal supports
- ✓ Good sag resistance
- ✓ Applicable with any type of equipment

Instruction for use:

- ❖ Not suitable for over application with putty paste P700 series.
- ❖ Over coat with top coat within 96 h, exceeded this period of time apply a light hand of S106 like adhesion promoter.

Substrate	Suitable	Not suitable	Notes	Sanding	Cleaning
Pre-existing paints	X			P320-P400	S799
Steel	X		Free of contaminants	P80-P240	S797
Stainless steel	X			P80-P240	S797
Sandblasted steel	X		Suggested level SA2 1\2	\	\
Galvanized sheet metal	X			\	S797
Cast iron	X			\	S797
Aluminium, and Aluminium alloys	X		Verify case by case	P400 – P600	S797
Cement		X		P80	Compressed air blowing *
Other metallic substrates (see notes)	X		Brass and Copper	P80-P600*	S797
Plastics (see notes)		X		To be defined*	S798

*Consult the technical manual for detailed cleaning and sanding information.

Over paintable with :

All the top coats "S" line of ICROTECH catalog , in detail lines: S1 - mono component, S2-- epoxy, S3—polyurethane, S4-- acrylics, S5—intermediates and special finishes.

General supply characteristics			
Features	Finish Product	Value – Range	Reference method
Density		1,400 ± 0,02	ASTM D1475-98
Viscosity		55 ± 5 "	Ford 4 - ASTM D1200
Solid content		63 ± 2 %	ASTM D1644
Hiding power		\	Internal Method
Validity		24 Months	Internal Method
Others :		\	No Note

ICRO COATINGS S.p.A. con socio unico- Cod. Fis. - P.IVA - N. Reg. Impr. 02597000161 - N. REA 307820 – Cap. Soc. Euro 8.000.000,00 i. v.

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Soggetta ad attività di direzione e coordinamento da parte di Icro Didoné S.p.A. con sede in Via Bedeschi n.25 – Chignolo d'Isola (BG); iscritta al Registro delle imprese di Bergamo al n./C.F. 00226330165.

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Parameters of the mixture ready to use			
Series	VOC	Yield at 1 µm	Solid Content
S106 RMP	\	300 : 340 m ² /kg	~ 53 – 58 % by weight

Notes: The values of VOC, yield, solid content and viscosity are based on the ratio of mixture in volume. It is recommended to combine the thinner and possibly the hardener in consideration of the environmental conditions (R.H. – temperature and dimensions of the article painted).

Weight according to the color mixture:				
	Ratio in mixture	Code	Mixture by weight	Mixture by volume
	Article - part A	S106 I9016	100 pbw	5 parts
	Thinner	S901 -S932 -S960	10 : 15 pbw	2 parts

	Viscosity a 20°C FORD 4	Thickness (DFT)		Gloss at 60°	Pot life
	5:2 Vol. ~ 18 : 25 sec.	40 – 60 µm (2-3 hands) flash off 5 - 10 min. between the hands of application		Matt	\
	Application	Viscosity	Gun Pressure	Product pressure	Nozzle (mm)
	Conventional Gun / HVLP	18 : 23	2 : 3 bar	\	1,4 – 1,7
	Airless / Airmix	25 – 35	120 – 150 bar	\	0,28 – 0,23
	Brush or Roll	Possible addition of S704 "roller" additive from 1% to 5%.			

	Drying	Dust Free	Out of Touch	Handly	Repaintable *
	20°C / object temperature	~ 15 : 20 min.	~ 1 : 2 h	~ 4 : 8 h	max. 96 h
	60°C / object temperature	\	30 min.	30 min.	\
	Sandability	\	\	\	\



Remove any traces of corrosion from the support by sanding or sandblasting before to apply the product.

Warnings and safety measures:

Article for professional use. The presence in the article of particles having a size less than 1 µm is not excluded. Handle with care; read the safety labels on the packaging and consult the MSDS (materia safety data sheet) of the article and make all recommendations contained therein

Additional notes:

The informations above are based on tests carried out in the laboratory of our company and are purely indicative, can not be a source of complaint resulting from improper use of the product and does not imply responsibility on the part of Icro. Furthermore, the conditions of use of the product are beyond our control. The present cancels and replaces the same already in your possession.