

1473 OVERAL 6

painting resistant to high temperatures silicon resins based



technical data sheet

Revision 1 fro 29/05/2018

Converter name -

Destination

Product suitable for resisting to thermal stress until 600°C

Not recommended for immersion cycles or under sprays or acid and alkaline aggressive vapours

Suitable for direct applications on steel

Suitable for atmospheric agents exposure also in marine environments

Characteristics

Pleasant semigloss aspect

Good reflectance for color aluminium (ral 9006)

Easy to apply

Good covering power

Resistance to industrial and marines ambiances

Good aesthetic aspect

Wide compatibility with organic and inorganic galvanizer primers



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Reccomendations

Well mix before use

We recommend to apply the product on the whole painting surface , without leaving any uncovered parts which could start a deterioration of the applied cycle film and of the support

At application tempertaures lower than 15°C it could be necessary to add more thinner to obtain the desired application viscosity. Too much thinner leads to a reduction of the sagging resistance anc can lead to defects while application.

High humidities can cause opacifications while application.

The preexistent mocomponent anticorrosive layers must be dry and free from contamination. Moreover, they do not have to be completely polymerised to allow a good adhesion, otherwise roughen the surface through wet sanding

We recommend to apply the desired thickness in many layers at thin film, following the drying time from the technical data sheet.

WARNING: for indoor applications aerate the environment and wear the adequate individual protection medium

To obtain an excellent result on surface homogeneity and drying uniformity, we recommend to avoid the application under the direct sun light.

Recommended surface and temperature conditions

The surface must be dry and free from contamination.

While application and polymerisation it is recommended a support temperature over 15 °C.

The support temperature mst be at least 3 °C over the dew point.

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Application cycle

Support	Iron			
Direct adhesion	YES			
Recommended first coat	4058			
recommended support preparation	Sandblasting Sa3			
Alternative Primers				

Notice In case of painted supports is better sanding the surface.

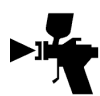
Characteristics and technical informations

Data observable at T=20°C and 60% relative humidity

Tin aspect Color

Liquid
Aluminium (RAL 9006)

Use



Airspray



Airless



Brush

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Thinner

Tools' cleaning

CS/2

Application process

Airless spray

Thinner (% Weight)		0
Noozle diameter (mm/inch)	0,38 - 0,48	
Noozle pressure (Atm/Mpa)	120 - 150	

Conventional spray

Thinner (% Weight)		0
Noozle diameter (mm/inch)	1,5 - 2,0	
Noozle pressure (Atm/Mpa)	3 - 4	
Application viscosity ASTM 4 (s)	-	

Brush/Roll

Thinner (% Weight)		0
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Notice Well mix before use. The painting temperature must be over 15°C; otherwise more thinner will be necessary to obtain the desired application viscosity, with possible application defects.

Cleaning solvent

CS/2

TECHNICAL DATA

Mass density (kg/l)	1,02 - 1,05
Solids content by weight (%)	35 - 38
Solids content by vol. (%)	24 - 26
ASTM 4 cup viscosity (s)	30 - 50
Brilliance (%)	40 - 60
recommended dry film thickness (dtf) (μm)	25 - 30
Theoretical spreading rate (mq ² /kg)	7,6 - 8,5 x 30μ DFT
Complete polymerisation - days	-
Flashpoint (°C)	> 21
Temperature resistance (°C)	600

Notice Data refer to the product mixed at 20 °C.

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Air drying	Dust free (minutes)	-
	Touch dry (h)	-
	Dry through (days)	-
	Possible to tape (h)	-

Notice The physical drying at room temperature allows the manageability of the painted parts, but not the achieving of the complete characteristics. For this reason it is recommended to protect the painted parts during the storage. The achieving of the characteristics of this product comes at the operating temperature, which must be at least at 300 °C. In case of inferior operating temperature (ex. 200° C.) in order to obtain the best product characteristics, it is necessary a oven hardening for at least 1 hour at 300° C.

Oven drying	Before air drying time (minutes):	-
	Exposure time (°C):	-
	Exposure time (minutes):	-

Overcoat for air drying	Recommended overcoat after min. (h):	18
	Recommended overcoat after max. (days):	-

Notice

Overcoat for oven drying

STORAGE (dry and cool place)

8 months in tightly closed packaging, far from frost and heat sources

Storage temperature (°C)	+5 ÷ +30
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Unit size	5 - 21 kg
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Safety instructions

Products must be treated with attention, avoid the skin contact. Users will have to follow the actual laws. Actions as wet sanding, sanding, removal with flame, etc. of old painting coats can geerate dust and dangerous smokes. Work in well areated areas and wear the adequate individual protection means.

In Italy Decree 303 and 547 concern the rules valid for the application operations. For further information concerning the right product elimination, storage and manipulation please consult the relative taiechnical data sheet.

Data in this technical sheet are only given for information and are the result of laboratory tets and practical experience, However, the factory is not responsible if the product isn't used under its direct control.

SESTRIERE VERNICI Srl Technical Assistance is available to give all information necessary for a correct use of the product.

Notice: Our laboratories have checked the data mentioned in this technical data sheet; this data is based on our present knowledge and experience and is intended for use by personnel having suitable training to apply the product on suitable surfaces and under normal operating conditions. In view of the variations in conditions of use and equipment, no warranty is given or responsibility taken for the results obtained. Users should satisfy themselves of the suitability of the product for their purpose and for use on their own equipment. For any doubt or problem please contact our Technical Assistance Service

However SESTRIERE VERNICI Research and Development Department is at your disposal for any further information about a correct use of the product.

The product achieves the compete polymerisation after at least 15 days at 20°C

The final user is recommended to verify, through his own methods, the conformity of the product to the expected performances. This technical data sheet version cancels and substitutes all the previous ones.