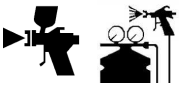
FINISH

SOLVENT

5008 SESTRIGLOSS HB

Two components acryl glossy finish



technical data sheet **Revision 2 fro 06/12/2017**

Converter name **AK58**

Destination

Suitable for direct application on iron, galvanised steel, aluminium, plasticised and rigid PVC, as well as well prepared

Conform to specification ENEL P20

Finish for RFI (60/V - 61/V - 62/V) approved painting cycles

Characteristics

Excellent color and brillance ritention

Excellent resistance to atmospheric agents

Good resistance to shock and abrasion

Not chalking; not yellowing

Good flow

Suitable for concrete steel protection

Excellent resistance to chemical-physical agents

Excellent flexibility and elasticity

Recoatable even after long exposure to atmospheric conditions

Resistant to mineral and vegetal oils, white spirit, paraffinic products and aliphatic petroleum derived sprays

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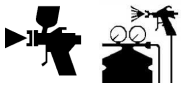

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Reccomendations

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.

For the two components products thinner must be added only after have mixed the components

For galvanised and aluminium surfaces it is necessary, in order to obtain a perfect adhesion, carefully remove unctuosity though "wettability" water test. If the surface is not completely wettable, we will need to insist in the surface preparation operation.

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

Recommended surface and temperature conditions

Avoid applications at room temperature under +5°C or over +35°C and relative room humidity over 80%. Verify surface suitability according to humidity degree with hygrometer . Support temp: min: +5°C - max +35°C.
WARNING: the complete film polymerisation comes after 7-10 days at T=20°C e U.R.60%
Avoid applications with superficial condensation or under the direct sun action
In enclosed spaces, properly ventilate the area during application and drying

SFERA SESTRIERE

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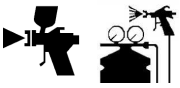

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Application cycle

Support	Iron	Galvanised	Aluminium	PVC / ABS
Direct adhesion	YES	YES	YES	YES
Recommended hardener	820/C	820/C	820/C	820/C
Recommended first coat	4970	4970	4970	4970
recommended support preparation	Degreasing/Sandblasting Sa2,5	Decaphos	Sanding	
Alternative Primers	5007	5007	5007	5007

Notice Application of the primer if required by specific cycles or special requirements of protection.

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

Tin aspect Liquid

Color Transparent and neutral
Paints achievable with MCS tintometric system

Use


Airspray


Airless

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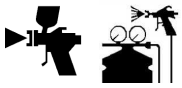

technical data sheet **Revision 2 fro 06/12/2017**

Thinner

CS/154 or CS/3850

Tools' cleaning

CS/2

Instructions for use

Well mix base and hardener according to following ratio

Hardener	% Volume ratio	% Weight ratio	Volume parts ratio:	Notice
820/C		30	2,5 : 1	
5012/C		20	3 : 1	

Notice

If it is necessary to improve the hardening speed, the solution 072 can be used until 5% by weight (calculated on the quantity of part A). Be careful because the pot-life will be lightly reduced.

Application process

Airless spray

Thinner (% Weight)	CS/154 or CS/3850	5 -10
Noozle diameter (mm/inch)	0,23 - 0,43	
Noozle pressure (Atm/Mpa)	130 - 150	

Conventional spray

Thinner (% Weight)	CS/154 or CS/3850	10 - 20
Noozle diameter (mm/inch)	1,0 - 1,5	
Noozle pressure (Atm/Mpa)	3 - 4	
Application viscosity ASTM 4 (s)	18 - 20	

High pressure air mix spray

Thinner (% Weight)

Noozle diameter (mm/inch)

Noozle pressure (Atm/Mpa)

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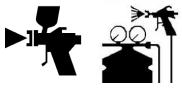

technical data sheet **Revision 2 fro 06/12/2017**

Application process

HVLP gravity pneumatic spray

Thinner (% Weight)		
Noozle diameter (mm/inch)		
Noozle pressure (Atm/Mpa)		

HVLP suction pneumatic spray

Thinner (% Weight)		
Noozle diameter (mm/inch)		
Noozle pressure (Atm/Mpa)		

Brush/Roll

Thinner (% Weight)	CS/3850	0 - 5

Notice

Cleaning solvent

CS/2

TECHNICAL DATA

Induction time (minutes)	None
Pot life at 20°C (h)	5
Mass density (kg/l)	1,18 - 1,31
Solids content by weight (%)	63 - 69
Solids content by vol. (%)	50 - 53
ASTM 4 cup viscosity (s)	-
Brilliance (%)	> 70
recommended dry film thickness (dtf) (µm)	40 - 70
Theoretical spreading rate (mq²/kg)	10,1 - 10,7 x 50 µ DFT
Complete polymerisation - days	7 - 10
Flashpoint (°C)	-
Temperature resistance (°C)	120

Notice Data refer to the product mixed with 820/C at 20 °C, depending on the realized shade.

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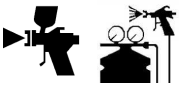

technical data sheet		Revision 2 fro 06/12/2017
Air drying	**Dust free (minutes)**	30
	Touch dry (h)	1
	Dry through (days)	7
	Possible to tape (h)	-
Notice		

Oven drying	**Before air drying time (minutes):**	15 - 20
	Exposure time (°C):	80
	Exposure time (minutes):	30

Overcoat for air drying	**Recommended overcoat after min. (h):**	12
	Recommended overcoat after max. (days):	Unlimited
Notice		

Overcoat for oven drying	It's recommended sanding the product dried into the oven.

Conditions of samples	Tests on completely cured films , dryed for at least 7-10 days at +20°C

Salt spray (ISO 9227 ; ASTM B117-64)	**Exposure time:**	500
	(ISO 4628-3) Ruggine Ri=	0
	(ISO4628-2) Blistering Density=	0
Notice	-	

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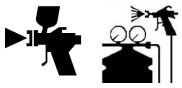

technical data sheet **Revision 2 fro 06/12/2017**

QUV CON (ISO DIS 11507) (ASTM G154 Cycle 2 UVB-313)

Possible 500 **Max. brilliance loss (%):** -

DE max for paintings base organic pigments: 3

DE max for paintings base inorganic pigments: 2

Film aspect No alteration.

Liquid resistance (N.B. resistance for discontinuous contact, not for immersion)

Water resistance	Good
Mineral Oil resistance	Good
Alkali resistance	Good
Acid resistance	Good
Alcool resistance	Date not available
Used solvent Solvents Resistance (50 double strokes of cotton wool soaked in solvent)	- Date not available
Ink resistance	Date not available
Unleaded petrol resistance (also consider that, if exposed to air, petrol evaporates in 2' at T=20C)	Date not available
Resistance to transport diesel	Date not available

Mechanical tests

Abrasion - Taber Test (ISO 7784-2) mg/1000 cycles:	-
Konig pendulum Hardness (ISO 1522) seconds:	130 - 150
Cupping Test (ISO 1520) mm:	7 - 8
Impact Test (ISO 6272) 1 kg ; cm:	50
Adhesion (ISO 2409) - class:	0

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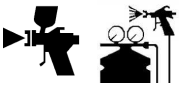

technical data sheet	Revision 2 fro 06/12/2017

STORAGE (dry and cool place)	12 months in tightly closed package, protected from frost and heat sources
Storage temperature (°C)	+5 ÷ +30
Unit size	5 - 20 kg

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 taìechnical 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 7 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.

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