



ZINCOAT PLUS

Monocomponent monolayer polish



technical data sheet

Revision 1 fro 11/04/2017

Converter name	PZ100
Destination	Suitable for applications on iron, steel, galvanized steel and light alloys, as long as well prepared
Characteristics	<p>Excellent filling</p> <p>Good covering power</p> <p>Excellent weathering resistance</p> <p>Excellent adhesion</p> <p>Excellent brilliance and color retention</p>
VOC (Directive 2004/42/CE) (g/l)	<p>Monocomponent paintings at high performances.</p> <p>EU limit value for this product (Cat. A/i): 500 g/l (2010). This product contains max. <500 g/l</p>
Recommended surface and temperature conditions	<p>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.</p> <p>WARNING: areate the environment to avoid humidity accumulation</p> <p>WARNING: the complete film polymerisation comes after 7-10 days at T=20°C e U.R.60%</p> <p>Avoid applications with superficial condensation or under direct sun action</p> <p>In enclosed spaces, properly ventilate the area during appliaction and drying</p>
Reccomendations	<p>Well mix before use.</p> <p>We reccomend to apply the product evenly along the whole painting surface, avoiding to leave uncovered parts from which it could start a deterioration process of the applied cycle film and the support.</p> <p>At application temperatures lower than +15°C it could be necessary to add more solvent to obtain teh desired application viscosity, Too much thinner will lead to a diminution of the sagging resistsance and could bring to defects during the application.</p> <p>High humidity can cause opacification dulling during the application.</p> <p>We recommend the use of soft sponges with neutral detergent to clean the painted surfaces. Avoid using abrasive cloths or rags as well as alcool detergents or any type of solvent.</p> <p>WARNING: for indoor application areate the environment and wear the adequate individual protection instruments</p> <p>The antirust-painted surfaces must be recoated as soon as possible with finish enamels , in order too keep unchanged over time the anticorrosive power of their pigments, which could be considerably reduced for long periods outdoor</p>

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Application cycle

Never painted ferrous metal surfaces

Completely remove the possible calamine and rust on the surface through sandblasting Sa 2 1/2 or manual or mechanical cleaning (brushing ST3)

WARNING: the sanded surfaces must be recovered in 8 hours

Carefully wash to eliminate possible contamination substances

Be sure that the support is completely dry

Apply 2 coats of ZINCOAT PLUS with an interval of at least 24 hours from each other

On exterior surfaces, in order to improve the support protection, we recommend to apply 1 anticorrosive first coat as our PROTECTOR 7000 or ZINCPALST 11254 or 241 GLICEROFTALICO

Already painted ferrous metal surfaces

Cleaning through manual or mechanical system until complete elimination of old painting coats which are not well anchored and of possible rust spots.

Roughen the old, well anchored paintings and eliminate the sanding dust.

In case of strongly deteriorated surfaces we recommend to eliminate the old paintings and the rust caused by sand blasting Sa 2 1/2 or to remove paint and then eliminate the rust through cleaning by manual or mechanical system (brushing ST3).

WARNING: the sanded surfaces must be covered with a firsts antirust coat in 8 hours

Remove the dust from the surface

Be sure that the support is completely dry.

Apply 1 or 2 coats of ZINCOAT PLUS with an interval of at least 24 hours from each other

On exterior surfaces, to improve the support protection, we recommend to apply 1 coat of anticorrosive first coat as our line PROTECTOR 7000 or ZINCPALST 11254 or 241 GLICEROFTALICO when iron is not painted

Galvanized surfaces, aluminum and light alloys

Carefully clean the surface from possible traces of oxide through hand or mechanical cleaning system . Otherwise carefully wash with solution DECAPHOS by allowing it to act for some minutes with following washing for the complete elimination of the phosphating and pickling solution.

WARNING: residual of solution DECAPHOS on the surface can compromise the success of the painting cycle. Be sure that the support is perfectly dry Apply 1 oe 2 layers of enamels with an interval of at least 24 hours from each other.

PVC and ABS surfaces

Remove dust from support.

Check that the support is perfectly dry.

Apply a coat of anticorrosive primer like our ZINCPPLAST 11254 .

After at least 12 hours apply two coats of Nome Prodotto with a 24 hours interval from each other.

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Application cycle

New or carried forward wood surfaces

Lightly sand to remove the raised wood fibers. Remove the possible resin through adequate thinner. Fill the imperfections with synthetic stucco. sand the stuccoed parts and remove dust. Be sure that the wall is not too much wet. On high absorption woods apply a coat of 1540 LIGNOWAX to uniform the surface absorptions. BE CAREFUL to the treatment on tannin rich woods. In order to reduce the dark spots formation, apply adequate insulating first coat Sand the surface and then apply 1 or 2 first coat of filling first coat as our D'ECO' UNIVERSAL PRIMER or DUROPAC. After at least 12 hours apply 2 layers of ZINCOAT PLUS with an interval of at least 24 hours from each other. .

Painted wood surfaces

Sand to eliminate the wood fibers
Remove old paintings not well anchored.
Roughen the old well anchored paintings and eliminate the sanding dust
Remove the possible resin by using adequate thinner
Plaster imperfections with synthetic stucco. Sand the stuccoed parts and remove dust
Make sure that the wood isn't too much wet.
Apply 1 or 2 coats of filling primer as D'ECO UNIVERSAL PRIMER or DUROPAC
After at least 12 hours apply 2 coats of ZINCOAT PLUS with at least 24 hours interval from each other

Characteristics and technical informations

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

Tin aspect RESIN Color

Liquid, thixotropic
Alkyd
Transparent and neutral
Paints achievable with MCS tintometric system
The brilliance can change depending on the paint

Use



Airbrush



Brush



Roll





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Thinner CS/3000**Tools' cleaning** CS/3000**Application process****Air Spray**

Thinner (% Volume)	CS/3000	5 - 15
Noozle diameter	1,4 - 1,8	
Noozle pressure (Atm/Mpa)	3 - 4	

BRUSH / ROLLER

Thinner (% Volume)	CS/3000	5 - 10
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TECHNICAL DATA

Mass density (kg/l)	1,22	
Solids content by vol. (%)	37 - 43	
Solids content by weight (%)	55 - 60	
Brookfield viscosity (cP)	-	
ASTM 4 cup viscosity (s)	-	
Brilliance (%)	80 - 90	Glossy
Out of dust (minutes)	-	
Touch dry (h)	4	
Depth dry (days)	48	
recommended dry film thickness (dtf) (μm)	30 - 40	
Theoretical spreading rate (mq^2/lt)	9 - 12	
Complete polymerisation - days	7 - 10	
Recoating interval (h)	24	
Minimum film temperature ($^{\circ}\text{C}$)	-	
Dirt pick-up class UNI EN 10792		
Resistance to washing (UNI 10560) cycles:	-	
Flashpoint ($^{\circ}\text{C}$)	>21	
Temperature resistance ($^{\circ}\text{C}$)	100 - 120	

Notice Data refer to the product mixed at 20 $^{\circ}\text{C}$.

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STORAGE (dry and cool place)

24 months in tightly closed package, protected from frost and heat sources

Storage temperature (°C)

+5 ÷ +30

Unit size

0,75 l - 2,5 l - 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 generate dust and dangerous smokes. Work in well aereated 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 technical data sheet. Data in this technical sheet are only given for information and are the result of laboratory tests 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.

Be careful: the product could show, towards some subject who are particularly sensitive to isothiazolones, a little irritation. It's thus recommended to use gloves and protective glasses and to wash very well the parts which could by chance touch the skin.