

# ZINCOLAC

Glycerophtalic

## DEFINITION

Direct To Metal and top coat glossy paint (1).

## INTENDED USES

*Substrate(s)* : New steel  
Old surfaces

*Exposure(s)* : Indoor  
Outdoor

## PRINCIPAL CHARACTERISTICS

Provides :  
Anti-corrosive properties;  
Decorative and protective qualities of a Top coat.

Combines protectives and decorative functions in a single product.


Over 20,000 shades can be achieved with our "Building" tinting machine system.

## COMPATIBILITY

PREVIOUS COAT(S)*	SUBSEQUENT(S) COAT(S)*
Itself	Itself
MONOPRIMER 58-86	FERROSOTER PC
GALVALUFER PRIMER	PRESTOLUX FWS
...	...

\*For any product not mentioned in compatibility lists, contact our technical support.

## TECHNICAL DATA

NUMBER OF COMPONENTS	1
GLOSS LEVEL	Semi glossy
COLOURS	According to colour models RAL/AFNOR/... + Aluminium
SPECIFIC GRAVITY	1,30 +/- 0,05
SOLIDS CONTENT	weight : 72,0 +/- 2% volume : 56,0 +/- 3%
TYPICAL THICKNESS (DRY)	50 µm
RECOMMENDED WET FILM THICKNESS	90 µm
THEORETICAL SPREADING RATE	11m <sup>2</sup> /l for 50 µm dry
RECOMMENDED NUMBER OF COAT(S)	2 to 3 layers
AFNOR RATING NFT 36 005	Family I Class 4a
VOC (Directive 2004/42/EC)	Cat. A/j : 500 g/L (2010) 460 g/L VOC
VOC IN INDOOR AIR	 * Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).
PACKAGING	1 L - 2.5 L - 10 L

\*Specific gravity, solid content by volume and by weight are given without thinner and on the white base for all topcoat. Liquid characteristics of products are given at 20°C.

## POT LIFE - DRYING TIME - OVERCOAT INTERVAL

FILM THICKNESS 40 µm dry	DRYING TIME		OVERCOATING INTERVAL	
	Touch dry	Hard dry	Minimum	Maximum
10°C	16 hours	30 hours	36 hours	Not critical
20°C	8 hours	20 hours	24 hours	Not critical
30°C	6 hours	12 hours	16 hours	Not critical

Dilution, relative humidity and aeration could affect drying time.

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## INSTRUCTIONS

Surfaces must be clean, dry and contamination-free contamination before painting according to NF DTU 59.1.

### SURFACE PREPARATION

SUBSTRATE(S) :	MINIMUM	RECOMMENDED
New steel	Washing High Pressure St 2 (ISO 8501-1)	Sa 2½ (ISO 8501-1); Medium Grit (ISO 8503-2; Ra 10-12,5µm)
Old surfaces	Compatible coating intact and adherent. Washing High Pressure + Pst 2 (ISO 8501-1)	Compatible coating intact and adherent. PSa 2½ (ISO 8501-1)

### APPLICATION CONDITIONS

WEATHER CONDITIONS	Room temperature	:	The temperature should be between 5°C and 35°C
	Relative humidity	:	75% maximum
TEMPERATURE	Of substrate	:	Between and +5°C and +40°C and at least 3°C higher than the dew point in order to eliminate any risk of condensation.
	Of product	:	Between and 5°C and 35°C

Early exposure to condensation or rain could provide a change of gloss and/or shade.

### APPLICATION

APPLICATION EQUIPMENT	DILUTION*	NOZZLE	PRESSURE AT NOZZLE	MINIMUM PUMP RATIO	REMARKS
AIRLESS SPRAY	0 to 5 % max	0.013-0.015 (inches)	100-150 bars	30 : 1	-
AIR SPRAY CONVENTIONAL	5 to 15 %	depends on the equipment used.	3-5 bars	-	-
BRUSH	-	-	-	-	Ready to use
ROLLER	-	-	-	-	Ready to use
THINNER	54-190		CLEANING SOLVENT	54-190	-

\* Dilution rate % are indicative and should be adapted to atmospheric conditions and site specific conditions. Excess of thinner could involve sagging effect and lost of opacity.

Remark(s)

- (1) Special case: the aluminum color must always be preceded by a compatible alkyd primer (e.g., MONOPRIMER 58-86).
- (2) On raw steel, if ZINCOLAC is used alone, 3 coats are required.

## HEALTH AND SAFETY

<i>Flash point</i>	:	between 23°C and 55°C
<i>Shelf life</i>	:	DLUO : 2 years minimum in original full, sealed packaging . Store in a cool, ventilated place.
<i>Precautions</i>	:	Refer to the current material safety data sheet(SDS).
<i>Transport and labelling</i>	:	Refer to SDS according to European directives.
<i>Waste Management</i>	:	Soiled Industrial wastes. For more information, please refer to SDS.