

Under normal conditions, no thinner is required. For air-assisted spray applications, the product may be thinned with clean tap water at a maximum ratio of 2% if necessary. Do not wait more than 10 minutes to clean the equipment after application has stopped.

GALVACOR96

DRYING INFORMATION

	5 °C 60-90 minutes	20 °C 15-30 minutes	60 °C
Dust Drying			-
Touch Dry	4 hours	60-90 minutes 24 hours	-
Full Cure	36 hours		-
Full Cure	Minimum 7 Days		

Note: Drying times apply to dry film thickness and relative humidity levels between 30% and 85%. It should be noted that curing time increases as the application thickness increases. Curing and drying times may vary depending on ambient relative humidity. After application, the coating must not come into contact with water for at least 24 hours. For surfaces to be used in immersion services, a curing period of at least 7 days, preferably 14 days, is recommended after application.

SURFACE PREPARATION

To ensure optimal performance, all surfaces must meet the minimum P2 requirements specified in ISO 8501-3, Table 1. Prior to surface preparation, all sharp edges must be rounded to a radius of at least 2-3 mm.

Steel surfaces should be cleaned by abrasive blasting, preferably to the Sa 2½ (ISO 8501-1 / SSPC-SP 10 / NACE No. 2) grade. Alternatively, surface preparation may be performed using mechanical cleaning in accordance with the SSPC-SP 11 standard or ultra-high-pressure water jetting at the SSPC-SP WJ-1 / NACE WJ-1 / ISO 8501-4 Wa 3 level. For optimal coating adhesion, the surface roughness should have a profile depth of 50-70 µm.

New galvanized (HDG/ZAM) surfaces must be lightly swept-blasted (SSPC-SP 16 / ASTM D6386) or mechanically lightly abraded prior to application. On metallized surfaces, zinc corrosion products present on the surface must be removed prior to application. On galvanized or metallized surfaces exposed to atmospheric conditions, white rust must be removed, followed by high-pressure water washing, light sweep blasting, or mechanical cleaning. A minimum surface profile of Rz 20 µm is recommended prior to coating.

STORAGE

The product should be stored in its original packaging at a temperature between 10-35 °C, in a dry, closed, well-ventilated area, and protected from direct sunlight. During storage, the difference between day and night temperatures should not exceed 10 °C.

PACKAGING

Filling (kg)
(A+B+C)

5

CODE

DESCRIPTION

GALVACOR96 is a high-performance, three-component, water-based corrosion protection coating based on inorganic zinc silicate. Thanks to its 96% metallic zinc content in the dry film, it provides effective cathodic (galvanic) protection for steel surfaces. Developed as an alternative to hot-dip galvanizing and metallization, it offers long-term corrosion resistance under severe industrial and marine conditions. It can be used as a single coat or in combination with suitable paint systems.

USAGE

- Steel structures
- Pipelines • Storage tanks
- Refineries and power plants
- Port and offshore structures
- Industrial maintenance applications

COLOR

Gray

PRODUCT INFORMATION

Gloss	0-5 GU
Solid Content by Weight %	85 ± 3
Density	3.1 ± 0.1
VOC g/L	0

MIXING/APPLICATION

Pot Life (hours) (20 °C)	3
Thinner	
Application Equipment	Brush, Roller, Spray

Note: Mix Component A (Binder) at low speed until homogeneous. While continuing to mix, add Component B (Additive) first and continue mixing until a homogeneous mixture is obtained. Then, Component C (Zinc Powder) is slowly added, and mixing is continued until a homogeneous mixture is obtained. Insufficient or improper mixing may adversely affect the coating's performance. It is recommended to keep the mixture stirring continuously at low speed during application. After the mixture is prepared, it is recommended to screen the product through a 180-400 µm (40-80 mesh) sieve before application. Failure to screen the mixture may result in clogging of the spray equipment and uneven application. The mixed paint must be used within the specified pot life.

For professional use only. Since this technical data sheet was prepared based on laboratory data, please consult technical personnel for details not provided above. Otherwise, the manufacturer shall not be held liable for any errors resulting from insufficient information. Our company reserves the right to modify this information.

Dekoral Boya Kimya San. ve Tic. A.Ş.

Saray Mah. Bekir Adıbelli Bulvarı No: 33 Kahramankazan - Ankara / TÜRKİYE

T : +90 312 354 8 777 F : +90 312 354 8 770

info@dekoralboya.com.tr
www.dekoralboya.com.tr