

Indokote ZES 60

Inorganic Zinc Silicate Coating

Description

A two component solvent based inorganic zinc ethyl silicate primer. It provides excellent corrosion protection as part of a complete coating system. ZES 60 is moisture cured fast dry coating and to be used as primer in atmospheric environments.

Recommended Use

ZES 60 is recommended as a metallic zinc pigmented primer to provide excellent protection to steel substrates. It can be use as part of high performance systems in offshore and onshore environments including oil production platforms, refineries, bridges, tanks, pipework and structural steelworks.

Physical Data

Colour	: Grey
Finish	: Matt
Soild by Volume	: 62 ± 3%
Therotical Coverage Rate	: 8 sq.mt / lit at recommended DFT of 75µ
Drying Characteristics (at 30°C and 75µ)	: Surface Dry: Max 30 Mins Touch Dry (to Handle): Max 4 Hours. Hard Dry: 24 Hours
Shelf Life	: 6 months for Base and 24 Months for Zinc Dust
Supply Weight (Kg/ Ltr)	: 1.95±0.05
Flash Point	: 15° C
Dry Heat Resistance	: Continuous : 400°C and Intermittent Peak : 500°C

Surface Preparation

All surfaces to be coated should be clean, absolutely dry and oil or moisture free before painting application. Oil and grease should be removed by solvent cleaning.

Abrasive blast clean to Sa2½ (ISO 8501-1:2007) or SSPC-SP6. If oxidation has occurred between blasting and ZES 60, the surface should be reblasted to the specified visual standard. A surface profile of **40-75** microns is recommended.

Application Data

Application	: By Conventional Spray/ Airless Spray/ Brush (small parts only)
Recommended DFT	: 60-75µ in single coat
Mixing Ration	: 8.9 Part (Base) : 1.1 Part (Zinc Dust Powder) by volume
Pot Life	: Four Hours at 30°C
Thinner and Cleaner	: Indokote (IK.1505) should not be used more than 5%
Overcoating Interval	: Minimum 18 Hours

Application Method

The Zinc Dust (Part B) should be slowly added to the liquid Binder (Part A) whilst stirring with a mechanical agitator. Material should be filtered through 60 mesh prior to application and should be constantly agitated in the pot during spraying and should be used within potlife of mixture.

Limitation of Liability

This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities can be derived from this fact for individual cases. This issue replaces all previous versions – Printed in India.

Indokote Ver 1.1.0.1
Issue date: April 2018

INDÖKÖTE INDUSTRIES PRIVATE LIMITED

Registered Office: Plot No. 93, Sector - 5, IMT Manesar, Gurgaon 122050 Haryana INDIA

Phone: +91 124 430 1776, **Fax:** +91 124 668 7778, **Email:** info@indokote.in, **Web:** www.indokote.in