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**ZINCLIGHT IZ 133**

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**TYPE:** Self-curing, zinc filled inorganic coating. Base(zinc) and liquid mixed prior to application.

**PROPERTIES :** ZINCLIGHT IZ 133 coated steel are equal in every respect to uncoated steel prior to fabrication. ZINCLIGHT IZ 133 protects athodically for periods exceeding 12months in normal and marine environments. Applied by conventional or airless spray methods. Dries to touch and can be handled in 3-5minutes. May be topcoated with ZINCLIGHT IZ 133 and most conventional paints and coatings.

**RECOMMEND USES**

As maintenance coating for steel, concrete or zinc coated surface against splash, spillage, and fumes of alkali, salt solution.

**NOT RECOMMENDED FOR**

Strong acid, alkalies or solutions outside a pH range of 5 to 10, without suitable top coated .

**PHYSICAL PROPERTIES**

- Colors: Gray  
Flat-glossy
- Theoretical Solids Content of Mixed Material:  
63% (By volume)
- Recommended Dry Film Thickness Per Coat:  
75 ~ 125 microns
- Theoretical Coverage Per Liter:  
8.4 m<sup>2</sup>/ liter (75 microns )  
\* Material losses during mixing and application will vary and must be taken in to consideration when estimating job requirements.
- Temperature resistance(Non-immersion)  
Continuous : 399 °C  
Non-continuous : 420 °C
- Abrasion resistance  
Excellent, Abrasion resistance increases as the coating ages.

**SHELF LIFE**

- Inland areas : 12 months
- Marine areas : 6 months

**DIRECTIONS FOR WORK**

1. Surface Preparation  
All primed surface must be free oil, moisture and any other contaminants.

2. Environmental conditions.

	Material	Surface	Ambient	Humidity
Normal	-18	-18	-18	50%
Minimum	4~35	4~43	4~35	65~85
Maximum	54	93	54	90%

\* The surface temperature must be at least 3 °C above the dew point to prevent moisture condensation.

3. Application equipment

- 1) Airless or conventional spray, power mixer
- 2) Airless spray  
Tip size: 0.017~0.021inch with 2100~2300psi
- 3) Brush : Use a natural bristle brush.  
Avoide excessive rebrushing and rerolling.

4. Mixing

Mix separately, then combine and mix in the following proportions.

Ratio Part A : Part B = 1 : 2 (by weight)

5. Thinner: #0960

6. Pot life: 8 hours. (25°C)

7. Drying Times

Temperature	Recoating Time(Minimum)	Drying Times
-18 °C	7day	7 day
5 °C	24h	48h
15 °C	18h	24h
25 °C	12h	16h
35 °C	8h	12h

8. Shelf Life : 24 months in unopened containers under normal warehouse conditions.

*IMPORTANT* The information contained in this publication is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.