ZB18-12 ZINDN Sealer(Silver topcoat)

Product description:

Quick drying one component silver finish made of acrylic resin, aluminum silver paste, additives, etc.

Main features:

It has excellent adhesion, tough paint film, good impact resistance, excellent light and color retention, and integrates protection and decoration functions; The appearance is silver white, which is similar to the galvanized appearance.

Designed for:

It is applicable to the top coat of zinc shield cold spraying zinc when there is decorative demand.

Specification data:

Color: silver

Gloss: flat

Volume solid content: 30±3%

Mixed density (kg/L): 1.0±0.1

Typical film thickness and theoretical coating rate:

	Minimum	Typical	Highest
Maximum dry film thickness (μm)	15	25	40
Wet film thickness (μm)	50	83.3	133.3
Theoretical Coverage (kg/m^2)	0.05	0.083	0.133

Actual coating rate: appropriate loss coefficient is allowed

zd.rich-tech-coatings.com · WhatsApp +86 136 1192 0143

VOC content: ≤720g/L

Construction Description

Applicable substrate and surface treatment:

Remove all grease, dirt and zinc salt on the construction surface with appropriate cleaner, and keep the surface clean and dry without pollution. The rusted parts shall be dynamically treated to St3 standard, and then coated with the matching cold spraying zinc primer.

Environmental conditions for construction and curing:

The construction surface must be kept clean and dry, and the substrate temperature must be 3 ℃ higher than the dew point to avoid condensation. During construction and drying in narrow spaces, a lot of ventilation is required.

In case of rain, fog, snow, strong wind, heavy dust and other bad weather, outdoor use is prohibited.

Paint blending:

Mixing: This product is packed in a single can. When using, first mix the main paint with an electric mixer, and then add an appropriate amount of matching thinner to adjust it to the appropriate construction viscosity.

Diluent/cleaning agent: ZX-06 ZINDN metal sealing agent Diluent.

Construction:

Construction method: air spraying is recommended, brush coating and roller coating are only recommended for pre coating, small area coating or repair, and color difference is easily caused. Soft bristle brush or short bristle roller should be used to reduce air bubbles. Airless spraying is easy to cause blooming.

Construction parameters:

Construction method	Company	Air spraying	Brush coating/roller coating
Spray gun aperture	mm	1.3～1.8	——

zd.rich-tech-coatings.com · WhatsApp +86 136 1192 0143

Spraying pressure	kg/cm^2	3～4	——
Dilution amount	%	0～10	0～3

Drying/curing time and coating interval:

Substrate surface temperature	-5℃	5℃	15℃	25℃	35℃
Finger dryness	2h	1h	45min	30min	20min
Hard drying	4h	2h	1h	45min	35min
Minimum coating interval	4h	2h	1h	45min	35min
Maximum coating interval	nothing				

Note: The above data are measured under the conditions of good ventilation, typical film thickness and 75% relative humidity, and are only for reference. The actual drying time and the time interval before coating can be long or short, depending on the influence of factors such as film thickness, ventilation, humidity, lower layer of paint, advance loading and unloading requirements and mechanical strength.

Typical paint matching:

Front paint: ZINDN cold sprayed zinc

Remarks:

The specified thinner must be used and applied on the matching primer, otherwise the product quality will be affected.

During construction and drying and curing, the relative humidity shall not exceed 80%.

zd.rich-tech-coatings.com · WhatsApp +86 136 1192 0143

During the coating process, or shortly after coating, the surface is subject to water vapor condensation and sudden cooling, which will cause the surface to lose luster, whiten and deteriorate in quality.

Packaging, storage and management:

Package specification: 16kg

Flash point: >25℃

Storage conditions: It shall be stored according to national regulations. The storage environment should be dry, cool, well ventilated and avoid heat and ignition sources. The packaging container must be kept closed.

Storage validity: The storage validity under good storage conditions is 1 year.

Health, Safety and Environmental Protection:

This product contains combustibles, and the safety of the construction site should comply with the relevant national or local government regulations. Please pay attention to the safety label on the package and read the MSDS.

This product contains combustibles, and the safety of the construction site should comply with the relevant national or local government regulations. Please pay attention to the safety label on the package and read the MSDS. Avoid inhalation of solvent vapor and paint mist, and avoid paint contact with skin and eyes. Do not swallow this product. Take necessary precautions to prevent fire, explosion and protect the environment. Use this product under good ventilation. Strong ventilation must be provided for construction in narrow places or places with poor ventilation.

Waste disposal must comply with relevant national or local government regulations.

Statement:

The product data and data are accumulated based on our experience in testing and actual use, which can be used as a construction guide. However, since the use of the product is usually beyond our control, we only provide the quality assurance of the product itself. Our company reserves the right to make modifications according to the continuous improvement of products without prior notice.

Version information will be published in April 2024. This manual replaces

zd.rich-tech-coatings.com · WhatsApp +86 136 1192 0143

the previous version.

zd.rich-tech-coatings.com · WhatsApp +86 136 1192 0143

Contact us / 联系我们

RichTech Industrial Technology (Shanghai) Co., Ltd.

锐亿奇工业科技（上海）有限公司

Heavy-duty coatings · 工业重防腐涂料

Address 地址

10F, Changhui Building, No.799 Yinxiang Road, Jiading District, Shanghai, China

上海市嘉定区银翔路 799 号昌辉大厦 10F

WhatsApp	+86 136 1192 0143
WeChat 微信	+86 183 2185 3252
Email 邮箱	sales@rich-tech.net
Web 网址	zd.rich-tech-coatings.com

Scan to contact us 扫码联系我们

WeChat 微信

+86 183 2185 3252

WhatsApp

+86 136 1192 0143