Data Sheet

Zinc Dust Paint 128

special corrosion protection primer, for interior and exterior use

Field of application

For particularly effective corrosion protection priming of iron and steel substrates, both exterior and interior, e.g., on railings or steel structures in the agricultural sector. Especially in the system build-up with MP Thick Film 229.

Properties

- Single-component corrosion protection primer
- With high zinc dust content
- Fast-drying
- Particularly weather resistant
- Easy to apply
- Temperature resistant up to +300°C (dry heat)

Material description

Color	0800 gray
Degree of gloss	Matt
Base material	Epoxy resin, with zinc dust pigments, solvent-based
VOC	EU limit value for this product (Cat. A/i): 500 g/l (2010). This product contains max. 500 g/l VOC.
Flash point	+30°C
Density	Approx. 1.84-2.19 g/cm³
Packaging	2.5 l

Use

Thinning
Ready for application.
If necessary, thin with Special Synthetic Resin Thinner 915. For thinning, add max. 5 volume%.

Tinting
Do not tint.

Compatibility
Can only be mixed with similar materials and those specified in this data sheet.

Application
Evenly apply Zinc Dust Paint 128 in brush application in a sufficiently thick layer. Stir thoroughly before use.

Consumption
Approx. 100-120 ml/m² per layer.
Determine the exact consumption by means of a test application on the object to be coated.

Application temperature
Do not apply under +5°C. Favorable at +18°C up to +25°C air and object temperature.

Tool cleaning
Clean with Special Synthetic Resin Thinner 915 or Quick-acting Brush Cleaner 111 immediately after use.

Drying (+20°C, 65 % relative humidity)

Dust dry after approx. 40 minutes. Coatable after about 10-12 hours. Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

Store in a cool and dry place. Reseal opened containers tightly, since water, acids and bases destroy the contents of the container resulting in strong gas formation.

Declaration

Product code
BSL50
Comply with the specifications in the current Safety Data Sheet.

Coating build-up

Substrate preparation
The substrate must be solid, dry, clean, with good adhesiveness, load-bearing, and free from separating agents. Thoroughly degrease and derust iron, min. surface preparation grade SA 2 ½. Thoroughly remove mill scale and layers of welding scale. See also VOB Part C, DIN 18363, Section 3.

Untreated, bare metallic iron/steel components

Substrates	Prime coat [1] [2]	Intermediate coat	Top coat
Untreated iron/ steel components, exterior	2x Zinc Dust Paint 128	With the paint material of the top coat	Depending on the requirements and selection, further build-up with, e.g., MP Thick Film 229
Untreated iron/ steel components, interior	1x Zinc Dust Paint 128		

[1] For Coil Coating, powder coating, and two-component coatings as well as anodized aluminum, we recommend priming with 2K-EP Varioprimer 865 or 2K-EP Varioprimer S 864 as a general rule.
[2] Can also be left without a top coat if the layer thickness is sufficient.

Notes

Opening the container	Open containers cautiously.
Excluded field of application	Do not use for coating heating pipes, radiators or wooden components.
Further information	Follow the instructions on the data sheets of the products used.

Remark

This Data Sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

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