

Zill silo paint GREEN/WHITE

Water-dilutable, synthetic-based silo paint (with mold protection additive) for indoor and outdoor use

Use

Zill silo paint is used to paint feed silos, stables, residential buildings and storage buildings. Silo-paint can be used on bitumen, concrete, masonry and Eternit as well as on metal over a corrosion protection coating.

Application

Surface preparation: The substrate must be dry and absorbent, crack free, free from oil, dust, loose particles and blistering as well as solid and suitable for coating (see VOB DIN 18363). Very uneven or damaged surfaces should be smoothed and primed. Remove lime and mineral paint coating by hand to the extent possible. Sand flat any varnish paint that is suitable for coating. Use high-pressure water equipment to clean surfaces if necessary.

Attention:

When coating the interior surface of concrete make sure that the exterior side is insulated against water, otherwise the inside area may peel.

Dense concrete surfaces should be roughened slightly through sandblasting. A setting period of 4-6 weeks prior to coating must be observed with fresh concrete.

Absorbent, chalky and sandy substrates must be primed once or twice with Zill silo paint green/white diluted with 30% water (ambient temperature) before further coating.

Application instructions: The ambient temperature should be at least +15°C and the relative humidity should not exceed 80%. The temperature of the objects being coated must be at least 3°C above the dew point and lie between +5°C and +30°C.

Do not apply the paint under direct sunlight. Low temperatures during application can lengthen the drying time considerably.

Stir paint thoroughly prior to application.

Type of application: Brushing or rolling - short pile lambskin roller is best suitable
High pressure spraying - nozzle size 2.0-3.0mm, spray pressure 3-4 bar
The viscosity is adjusted with a maximum of 10% water depending on the application and nozzle size.

Coating composition:

When applied as silo protection, 3 coats are required during initial application.

- Priming: Zill silo paint green/white diluted with 30% water
- Topcoat: 2 x Zill silo paint green/white undiluted or diluted with maximum 10% water
- Apply a thick coat of Zill bitumen black silo paint to the bottom slab when working with bunker silos.

Consumption:

Depending on the substrate, prime with diluted coat at approx. 150 g/m² and then apply 2 topcoats each at approx. 200-250 g/m²

Drying:

Under normal atmospheric conditions dry after 2 - 3 hours and no longer water-soluble.

When used as silo paint an additional hardening period of 14 days must be observed prior to ensiling.

Existing paint should be replaced every 1-2 years. Zill silo paint green/white can be reapplied over itself.

Technical Data

Color:	white and green
Gloss:	dull
Delivery viscosity at 20°C:	approx. 70 dPa.s
Dilution:	tap water with hardness level less than 13°dH (ambient temperature)
Density at 20°C:	approx. 1.5 g/cm ³
Non-volatile matter:	approx. 62%
Volume of non-volatile matter:	approx. 43%
VOC-content:	<140 g/l
Consumption:	depends on type of application and absorption of the substrate exact values can only be determined through trial coating on site

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Shelf life

Original sealed containers have a shelf life of 12 months if kept in a cool and dry place. Protect against frost during transportation and storage. Check pH-value (approx. pH 9) during extended periods of storage.

Minor deviations in the color of coating materials are inevitable due to different production batches. This must be taken into account during the course of work; if emphasis is placed on a uniform color scheme, then use the same batch (see label) when coating adjoining sections of work.

The statements above are compiled according to the latest technological developments and application techniques. However, since use and application are beyond our control, the manufacturer assumes no liability based on the content of this data sheet.