

TECHNICAL DATA SHEET**en****Name of product:****Esbjerg Machine Primer 0102**

Type of product: Primer based on urethane alkyd containing anti-corrosive. The product can be thinned with white spirit 79120.

Application: Anti-corrosive priming of steel.
This primer is meant to use as an anti-corrosive primer for steel structures, machines, agricultural appliances, etc.

This product is for professional use only.

Properties: Fast drying, good adhesion and anti-corrosive. Can be coated with most alkyd topcoats such as Esbjerg Maschine Enamel. If in doubt please contact our sales department.

Solids: 60 weight % 40 vol. %

Pre-treatment: Choose:
Sandblasting in accordance with SA 2½ or chemical pre-treatment in accordance with ISO 8501-1 is recommended.

Or:

The base should be carefully cleaned to remove oil, grease, dirt and paint contaminants. Old paint must be sanded matt.

Application:

| Method: | Recommended viscosity: | Thinner: |
|-----------------------|-------------------------------|-----------------|
| Conventional spraying | 30 -35 sec. DIN-cup 4 mm | 0700-68063 |
| Airless/Airmix | 55 - 60 sec. DIN-cup 4 mm | 0700-68063 |
| Brush and roller | No thinning required | - |

The substrate needs to be clean and dry, and – to avoid condensation - be at least 3°C warmer than the dew point temperature present.

Provide ventilation as necessary during application and drying.

Drying:

| | Drying time | Film thickness - dry |
|--------------------------------|--------------------|-----------------------------|
| Dust dry | 30 minutes 20 °C | 30 - 50 µm |
| Dry to touch | 30 minutes 20 °C | 30 - 50 µm |
| Dry to recoat | 1 hour 20 °C | 30 - 50 µm |
| Dry to touch @ low temperature | 1 hour 10 °C | 30 - 50 µm |

System Specification:

| | | |
|----------|--------------------------------|-------|
| Primer | 2x Esbjerg Machine Primer 0102 | 60 µm |
| Top coat | 1x Esbjerg Machine Enamel 0130 | 30 µm |

The above system is in accordance with ISO 12944 class C2.

Recommended coating thickness: Wet film: 100 µm Dry film: 40 µm

Coverage: Theoretical: 10 m²/ltr.

Shelf-life: 24 Months in an unopened container

Cleaning: Tools clean with white spirit 79120.

Available colors: Standard colors are grey and red.

Note: Machine Primer series 0102 has a lesser health hazard classification than series 0100, but it takes longer to dry. Machine Primer series 0102 does not adhere to light alloys or galvanized steel. H2O Primer series 0563 can be used as a water-borne alternative. Machine Primer is not usable as primer under Efaspeed, Efaspray or Hammer Finish.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their use. It should not, therefore, be construed as guaranteeing specific properties of the product described or its suitability for a particular application. The quality of our products is guaranteed under our General Conditions of Sale.

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