



Two Component **Polyurea system** for easy-to-clean applications

POLY-Kote® EC

Product Description

Polykote® Easy-to-Clean is a high-solid, solvent-based polyurea coating.

Fields of application: Concrete Mixers

Properties-Advantages

- ✎ Polykote® Easy-to-Clean can be applied in one layer, when the surface is smooth and appropriate pre-treated.
- ✎ It has a high chemical resistance (in diluted acids-alkalis, cement, etc.)
- ✎ It provides high resistance to abrasion and mechanical stress.

Technical Characteristics

Appearance:	Gloss
Density:	1,30 – 1,35 kg/l
Consumption:	250gr/m ² for one layer
Abrasion resistance:	42 mg (Taber test CS 10/1000/1000)
Adhesion strength:	≥ 3 N/mm ² (EN 13892-8, concrete)
Flexibility:	PASS (ASTM D522, 180° bend, 1/8" mandrel)
Relative atmospheric humidity:	<80%

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Surface preparation: The surface of the metal should be clean, dry and free from dust, oil, grease, and any poorly adhering material. Remove rust by sandblasting or by means of a wire-brush.

Application of primer: Apply one coat by brush, roller, or spray gun. Use the same dilution if a second coat is desired. When it dries, it can be recoated with **Polykote® Easy-to-Clean**. The system is compatible with epoxy and polyurethane primers.

Application: **Polykote® Easy-to-Clean** can be applied rolled or brushed without dilution. A second layer is not required.

Maintenance: Cleaning the cured system is best done by using domestic scale water-jet every time after its usage.

Special notes

- Low temperatures and high humidity during application prolong drying time.
- The product should not be applied at temperatures $<12^{\circ}\text{C}$, relative atmospheric humidity $>65\%$, surface humidity content $>4\%$, or if humid conditions are expected to prevail during the curing period of the paint film.

Packing

Set of 10kg in tin cans (components A&B have fixed weight proportion).

Storage Stability

The product is stable for 2 years ($5-40^{\circ}\text{C}$) when kept unopened in its original container, protected from frost and direct sunlight.

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