



CERACOAT Special Metal coating

CERACOAT Special Metal coating is a non-stick system/coating for Metal surfaces (chromium, steel, aluminum, metal in general). The material generates a thin ceramic film on the surface, which reduces the adherence of dirt and foreign matters but also water or oil and rust. It's a great anti-corrosion coating with very long lasting properties. The coated surfaces will have very poor dirt acceptance and are particularly easy to clean.

Characteristics of the coating material:

Active basis: fluorine-ceramic bonding

Appearance: Colorless liquid

pH: 9.5-10

Solids content: 0.5 wt%.

Viscosity (DIN 53211): 48 s

Dilution: Ready to use diluted

Order quantity: 10 - 15 ml / m² (depending on application)

Storage: at least 4 months (storage temperature: + 5 ° C to + 25 ° C, protect against direct solar radiation and frost, tightly closed)

Application:

The processing of metal **CERACOAT Special Metal coating** asks the wearing of rubber gloves. While processing, ensure good aeration. When skin contact: Thorough washing with soap and water is required.

Application is carried out in three steps: 1. Cleaning, 2. Coating and 3. Drying.

Cleaning:

The surface is cleaned carefully from dusty, oily and greasy staining. It is recommended to use organic cleaners (eg isopropanol, acetone) and alkaline or acidic Surfactant cleaners, or use Ceracoat wonder cleaner. After that, surface has to be well rinsed with water to remove surfactant residues. The cleaned surfaces must be dry before coating.

Coating:

The coating is carried out under normal temperature and humidity conditions

Rubbing or polishing with a moistened (**CERACOAT Special Metal coating**) cotton cloth. The material is sparingly distributed on the surface. The material may alternatively be sprayed on. You have to wait at least for 30 minutes before you polish the coating.

Drying:

Drying of the deposited material is carried out under normal temperature and humidity conditions after at least 30 minutes. At higher humidity, an extension of the drying time is probable. After that drying time, the treated surface is polished. The Easy-to-clean effect is achieved after about 1 hour.

If the Easy-to-Clean effect is lost, the coating has to be refreshed again, by following the same 3 steps to coat.