



METALGUARD

Application and Specifications

Application

Surface should be absolutely clean and dry. Do not apply under sunlight. It is recommended to try on a small area before covering the entire surface. Wear protective nitrile gloves. Shake the product gently before use. Consumption is 4-5 mL/m². Do not work on areas larger than 1 m² per

session. The product is sprayed onto the surface in an essential amount with a trigger bottle. The surface should be buffed immediately with a dry, lint-free microfiber cloth in circular motions. Wait for 24 hours for drying and curing period.

Specifications

Packaging	200 mL
Appearance	Colorless liquid
Chemical Resistance	12>pH>1
Salt Water Resistance	Yes
Moisture Resistance	Yes
Pencil Hardness (ISO-15184:2012)	10H
Dry Film Thickness	800-1100 nm
Consumption per Unit Area	4-5 mL/m ²
Density @23°C	0.87 g/cm ³
pH Value	5.5-6
Dry to Touch Time	4h
Application Temperature	5°C-30°C (≤50%RH)
Temperature Durability	150°C
Water Contact Angle	107° @10 µL
Water Contact Angle After "3000 Wet Scrub (ISO-11998:2006)	101° @10 µL
Water Sliding Angle	11° @20 µL
Oil Contact Angle	87° @10 µL
Gloss Rate @60° (ISO-2813:2014)	96 (Acrylic)
REACH Compliance	Yes