

STAINLESS STEEL WB BASE COAT



Spraying



Waterborne

PROPERTIES

Top of range acrylic water-based base coat for decorating stainless steel parts. To be laid as a monolayer both on mirror polished and brushed stainless steel surface and considering a proper degreasing surface treatment.

- High performances regarding adhesion, wet chamber resistance, color durability, hardness, mechanical and chemical resistance, low VOC
- Drying process : 20' at 160°C
- Available in a large range of colors based on standard color cards or, upon request, on original creations designed by our Colors & Design department.

SYSTEM SPECIFICATIONS & PERFORMANCES

SPECIFICATIONS	STANDARD/PARAMETERS	RANGE	CHECKED TARGET VALUES
Gloss		Full tones Transparent	>80 GU at 60° >90 GU at 60°
Matt		Full tones	<5 GU at 60°
Hardness	ISO – 1522	Glossy Matt	>190s >150s
Cross cut adhesion test	ISO – 2409	Brushed Mirror polished	Cot. 0 Cot. 1/2
Direct shock resistance	50 cm / 1kg		No damage
Folding resistance			No cracking
Wet chamber resistance	40°C / 80% of humidity / 21 days		No significant damages on paint and colors
Chemical resistance	Aggressive cleaning product* : 1 drop / 2hrs. 100 Rub test cycles. Sponge rub using the soft side.		No significant damages on the paint. Slight loss of gloss.
UV resistance	Sun Test / 400hrs** of direct exposition	Transparent Full tones	$\Delta E \leq 5$ $\Delta E \leq 1$

* Recommended to perform the test, not for a usual cleaning process. ** High level of requirements for equipment normally used in almost blind rooms.

BASIS

Waterborne

SUBSTRATES

Stainless steel panels & tubular frames

TECHNOLOGY

Acrylic

SURFACE TREATMENT

Degreasing

Technical Data

Solids by weight	31 to 45 %
VOC	135 to 180 g.L ⁻¹
Spreading rate m²/kg	a.o. 10 m ² / 25 µm dry



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