

31509

ABSOLUTE FINISHING SHINY



Spraying



Waterborne

PROPERTIES

Top of range aliphatic polyurethane 2K Waterborne coating for decorating composite parts like ABS, polycarbonate, carbon, ...

- Mixing rate 6/1 in weight
- Drying process: 30' at 80°C
- Application process: low pressure spraying equipment which enables a on line controlled dosing of the hardener.
- Gloss > 90%

SYSTEM SPECIFICATIONS & PERFORMANCES

SPECIFICATIONS	STANDARD/PARAMETERS	CHECKED TARGET VALUES
Cross cut adhesion test	ISO – 2409	Cot. 1 max.
Direct shock resistance	50 cm / 1kg	No cracking / slight marks allowed
Wet chamber resistance	40°C/100% - 240hrs	No blister, bubbles, loss of gloss. Cross cut adhesion after 1 & 24hrs: cot. 1 max.
Water immersion	40°C - 240hrs	No blister, bubbles, loss of gloss. Cross cut adhesion after 24hrs: cot. 1 max.
Chemical resistance	50 back and forth using a soapy water at 30°C	No damage
UV resistance	Sun Test / 600hrs of direct exposition	Benchmark

BASIS

Waterborne

SUBSTRATES

ABS, polycarbonate, carbon, composites

TECHNOLOGY

Aliphatic - Polyurethane

SURFACE TREATMENT

Degreasing (alcohol), flammng

Technical Data

Solids by weight	47 %
VOC	90 g.L ⁻¹
Spreading rate m²/kg	9,2m ² / 25µm dry

