

## 31509 ABSOLUTE FINISHING MATT



Spraying



Waterborne

### PROPERTIES

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

- Mixing rate 10/1 in weight
- Drying process: 30' at 80°C
- Application process: low pressure spraying equipment which enables a on line controlled dosing of the hardener.

### SYSTEM SPECIFICATIONS & PERFORMANCES

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

#### BASIS

Waterborne

#### SUBSTRATES

ABS, polycarbonate, composites...

#### TECHNOLOGY

Aliphatic - Polyurethane

#### SURFACE TREATMENT

Degreasing (alcohol), flammng

#### Technical Data

<b>Solids by weight</b>	39 to 50 %
<b>VOC</b>	90 to 100 g.L <sup>-1</sup>
<b>Spreading rate m<sup>2</sup>/kg</b>	a.o. 16 m <sup>2</sup> / 20 µm dry

