

## GLASSDESIGN BT WB CLEAR 2K



Spraying



Waterborne

### PROPERTIES

Top of range polyester Waterborne base coat for bottling and glassware decorative applications (Cosmetics, beverages,...):

- Very high performance coating system regarding:
  - Scratch resistance;
  - Chemical resistance;
  - Color durability;
  - Immersion;
  - Hardness;
  - Adhesion;
  - Very low VOC.
- Curing process: 1' at RT & 12' at 180°C (convection oven)
- 2K: 1% of Silane before applying
- Low pressure spraying application

### PERFORMANCES

Compliant to high demanding requirements in cosmetic (Christian Dior, L'Oréal, YSL...)

#### WATER IMMERSION

Tests	Results
24hrs / Cold water	No damages on colour and adhesion
4hrs / 40°C	No damages on colour and adhesion

#### G1 TESTS

Tests	Results
Static deposit / 15'	No damages on colour and adhesion
Immersion / 24hrs / RT	No damages on colour and adhesion
Immersion / 4hrs / 55°C	No damages on colour and adhesion
Immersion / 24hrs / 55° C + waiting time: 15'	No damages on colour and adhesion / No damages on edges

#### CLIMATE CYCLE TESTS

Tests	Results
10 days, -20°C/+20°C/+40°C, with and without everyday G1 applications	No damages on colour and adhesion
10 days, +40°C / 95% humidity	No damages on colour and adhesion
Combined cycles (with thermal shock): -5 days, -20°C/+20°C/+40°C/Wet chamber/+20°C, 24hrs each, with and without everyday G1 applications -6 days, +40°C/-20°C, 3 times – 24hrs each, with and without everyday G1 applications	No damages on colour and adhesion

#### BASIS

Polyester

#### TECHNOLOGY

Water

#### SUBSTRATES

Bottles, glassware

#### SURFACE TREATMENT

Flaming

#### Technical Data

<b>Solids by weight</b>	30 %
<b>VOC</b>	138 g.L <sup>-1</sup>
<b>Spreading rate m<sup>2</sup>/kg</b>	24,8 m <sup>2</sup> / 10 µm dry

