

## TECHNICAL DATASHEET

### 2K Topcoat

#### PRODUCT DESCRIPTION

It is a two pack high quality acrylic polyurethane topcoat for automotive refinishing. It offers high gloss, hard and durable finish with very good coverage.

#### PRODUCT CHARACTERISTICS

- 1- High gloss
- 2- Good curing properties
- 3- Remarkable mechanical and chemical resistance
- 4- Excellent hardness and scratching resistance
- 5- Excellent weathering resistance and non-yellowing properties
- 6- Great outdoor stability
- 7- Great color retention properties

#### RECOMMENDED USES

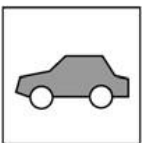
The two pack acrylic topcoat is used for Automotive refinishing and related applications including bus-line assembly, touch up at assembly lines and general industrial applications.



#### SURFACE PREPARATION

All surfaces should be clean, dry and free from loose and flaking material, curing compounds, dirt, oil and grease.

Prime the surface with a suitable/specific primer prior to the application of 2K topcoat.



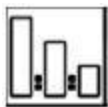
#### TECHNICAL CHARACTERISTICS

**Color:** Ref. color chart

**Density:** 1- 1.3 g/cm<sup>3</sup>

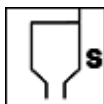
**Solids content:** 55- 65 % (Depending on the color)

**Spreading rate:** Average spreading of one container is about 8-10 m<sup>2</sup> / US quarter



**Mixing Ratio:** 2:1 (Base: Catalyst)

**Thinning:** up to 20% with thinner 2K to reach adequate spraying viscosity



**Spraying Viscosity:** 20 to 25 seconds ISO 4 cup



**Pot life:** 2- 3 hours after mixing depending on the type of hardener used.



**Number of spray coats:** 2

**Film thickness:** 50- 60 micron



**Drying time:** @ 20°C

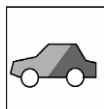
dust-free after 1-2 hours (depending on the hardener used)

Ready for assembly after 4 hours

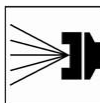
Fully cured after 24 hours

@ 50°C

30 min



**Recoating:** After full curing



**HVLP gravity-feed spraygun**

1.3- 1.5

0.7 bar at the nozzle

**Compliance gravity-feed spraygun**

1.3- 1.4

2.0- 2.5 bar

**Cleanup:** Clean spray equipment as soon as possible with Thinner 2K

## SAFETY AND HANDLING

For safety precautions, please refer to Material Safety Data sheet and wear personal protective equipment when using this product.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.

All details about working with our products should be adapted to prevailing local conditions and materials used.