

#### DEFINITION

**ROBLINER** is a 2K acrylic polyurethane coating that provides high levels of protection. Its high mechanical and chemical resistance makes it the ideal product to cover the visible parts of trailers, pick up's or other visible surfaces that can be exposed to the most demanding conditions, both physical and environmental.

- Textured appearance easily customizable
- High mechanical resistance (Abrasion, scratches,..)
- High chemical resistances
- Excellent adhesion on different surfaces
- Anticorrosive protection
- Weather resistance and UV protection High hardness and flexibility
- Resistant up to 85°C (185°F) on applied film

#### PHYSICAL CHARACTERISTICS



|                            |   |
|----------------------------|---|
| <b>Nature:</b>             | Acrylic   |
| <b>Colour</b>              | Black, Translucent                                    |
| <b>Specific weight:</b>    | 1,1 kg/l (20°C)                                       |
| <b>Dry film thickness:</b> | 180-230 microns (7-9 mils) (1 coat)                   |
| <b>Yield:</b>              | 2,3 m <sup>2</sup> /L (hardened product, 200 microns) |
| <b>VOC: <u>BLACK</u>:</b>  | 420 g/l   |
|                            | 450 - 470 g/l (dilution 10-20%)                       |
| <b><u>TINTABLE</u>:</b>    | 385 g/l Robliner tintable                             |
|                            | 405-450 g/l Application                               |

#### AUXILIARY PRODUCTS

Robliner Hardener

S322 Thinner standard 2K

#### SURFACE PREPARATION





|                           |  |  | Optional (*)                               |
|---------------------------|---|---|--|
| <b>Steel</b>              |   | √   |  |
| <b>Aluminium</b>          | √   | √   | Primanyl 2120 /<br>Aircolor Etch Primer 1K |
| <b>Galvanized</b>         | √   | √   | Primanyl 2120 /<br>Aircolor Etch Primer 1K |
| <b>Electrozinc-coated</b> | √   | √   | Primanyl 2120 /<br>Aircolor Etch Primer 1K |
| <b>Polyester putty</b>    | √   | √   |  |
| <b>Epoxy primers</b>      | √   | √   |  |
| <b>OEM Paint</b>          | √   | √   |  |
| <b>Plastics</b>           | √   | √   | Primerplast                                |
| <b>Cataphoresis</b>       | √   | √   |  |





(\*) On some surfaces, a previous treatment may help to improve adhesion.

## MIXING RATIO


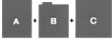


### **ROBLINER BLACK**





For RB1 gun application, add directly the indicated quantity of hardener to the can. Close the can again. Shake vigorously for 2 minutes and the product will be ready to be applied.

|   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| <b>Robliner Hardener</b>  | 100:33 volume<br>660:200 weight   | 3:1   | 1h  |

|  |  |  |  |
|--|--|--|--|
| <br>HVLP |  |  |  |
| <b>Robliner Hardener</b>   | 100:33<br>10-20 %<br>volume<br>660:200<br>78-156<br>weight                         | 3:1 -<br>10-20%  | 1h   |

**ROBLINER TINTABLE:** This is the tintable version which can be applied with the desired colour. This product can be tinted with the concentrated bases from the Roberlo Disolac system. Use solvent based pigments to improve the results, do not use water based systems to tint Robliner.

|   |   |   |   |
|---|---|---|---|
|  |  |  |  |
| <b>Robliner Hardener</b>  | 100:33 volume<br>660:200 weight   | 3:1   | 1h  |
| <b>Tint</b>   | 5-10 volume<br>30-70 weight   | 5-10%   |   |








|   |   |   |   |
|---|---|---|---|
| <br>HVLP |  |  |  |
| <b>Robliner Hardener</b>  | 100:33: 5-10 volume<br>660:200:78-156 weight                                      | 3:1:5-10%   | 1h  |
| <b>Tint</b>   | 5-10 volume<br>30-100 weight  | 5-10%   |   |

**Tint:** To the desired covering, add between 5-10% (over component A) depending on color of concentrated pigment. In the tintable version, to reduce the texture and obtain a finer finish, the amount of solvent should be between 5-10%.







## APPLICATION METHOD

These parameters: Pressure, Distance and Nozzle diameter can be modified to customize the type of finished textured desired.

Before coating the vehicle, it is recommended to coat a test panel to ensure the final appearance of the finish.

|   |   |  |   |  |   |
|---|---|--|---|--|---|
|   | <br>mm | <br>bar | <br>cm |  |  |
|  |   | 2-4  | 20-30   | 1-2  | 45-60'  |
|  | 1,3-2,0   | 1-2  | 15-20   |  | 45-60'  |

## DRYING TIMES

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <b>20° C</b>  |   |   |   | <b>60° C</b>   |   |
|  |  |  |  |  |  |
| <b>Robliner Hardener</b>  | 5-10'   | 45-60'  | 1h – 24h  | <b>Robliner Hardener</b>   | 30'   |

\* For light loads: 2-3 days  
For heavy loads: 7 days  
IR drying: Not recommended

## RECOATING

If recoated after 24 hrs, it is recommended to sand slightly with Robrite

Recoatable with:

- Blucrom
- Dicrom
- Ucrom
- Disolac line
- In general, recoatable with most of the modern coating systems

## CHEMICAL RESISTANCES

|                 |        |  |
|-----------------|--------|--|
| Water           | 24 hrs | OK   |
| Motor Oil       | 24 hrs | OK   |
| Brake fluid     | 24 hrs | Superficial softening  |
| Soap            | 24 hrs | OK   |
| Ammoniac 10%    | 7 hrs  | OK   |
| Acetic acid 44% | 7 hrs  | OK   |
| Gasoil          | 10 min | OK   |
| Gasoline        | 10 min | Superficial softening. The hardness is recovered after evaporation |
| Xylene          | 15 min | Superficial softening. The hardness is recovered after evaporation |
| Acetone         | 5 min  | Superficial softening. The hardness is recovered after evaporation |

## EQUIPMENT CLEANING

Use a cleaning thinner before the pot life has expired

## SAFETY

Follow instructions of product label. For more information check the Safety Data Sheet. Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

**STORAGE**

Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

**SHELF LIFE**

12 months in unopened original packaging.

For any technical information contact with our Customer Attention Service or our Technical Department.  
ROBERLO SA declines any responsibility due to an incorrect use of the product.