



# TECHNICAL DATA SHEET

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**CODE: 36.160**

**ACRILPRIMER 2K 5:1 VOC 540 g/lt**

**DESCRIPTION**

2 pack high solids acrylic primer; principal characteristics:  
 High filling properties, very rapid drying times, excellent sanding (wet or dry ); very durable, non-sag, high flexibility, good adhesion on zinc treated steel and plastic supports.

**PURPOSE**

A primer filler or isolator for patching up, partial respray or spraying of an entire car or industrial vehicle.

**COLOURS**

Light grey. Other colours on request.

**COVERAGE THEORETICAL**

3,7 sqm/mixed litre (dft100um)

**HARDENER**

**Unihard primer 5:1  
 Diacril**

**THINNER**

**MIXING RATIO BY VOLUME  
 5 : 1**

**SYSTEMS**

|                     | SUPER FILLER     | FILLER ISOLATION   |
|---------------------|------------------|--------------------|
| <b>MIXING RATIO</b> | <b>5 : 1 : 1</b> | <b>5 : 1 : 1,5</b> |
| <b>(by volume)</b>  |                  |                    |
| -ACRILPRIMER 2K 5:1 | 1000 cc          | 1000 cc            |
| -UNIHard PRIMER 5:1 | 200 cc           | 200 cc             |
| -THINNER DIACRIL    | 200 cc           | 300 cc             |

**MIXTURE BY WEIGHT  
 12 %**

Difference on mixing ratio by weight/volume due at specific weight of products.

|                             |   |
|-----------------------------|---|
| <b>POT-LIFE</b>             | 2 hours   |
| <b>APPLICATION METHOD</b>   | Pressure 3 – 4 atm<br>Nozzle 1.8–2 mm<br>Dry film thickness 80–150um<br>Number of coats 2 - 4<br>Recoating interval 5–10 min.<br><br><p style="text-align: center;"><b>(Ensure clean, water-free air supply )</b></p> |
| <b>DRYING TIMES AT 20°C</b> | Dust dry 15-20 min.   |
| <b>DRYING TIME AT 60°C</b>  | Allow a flash off period of 10 min. Before baking in oven at 60 deg. C for 30 - 40 min.   |
| <b>DRY SANDING</b>          | - <b>FIRST SANDING</b> : P220/240 P280/320 3M 255<br>- <b>SECOND SANDING</b> : P280/320 P360/400 3M 255<br>- <b>FURTHER SANDING</b> : SCOTCH BRITE FINE   |
| <b>WET SANDING</b>          | - <b>FIRST SANDING</b> : P600<br>- <b>SECOND SANDING</b> :P800  |
| <b>NOTE</b>                 | For application on degreased or sanded bare metal ensure a dry film thickness after sanding of 60-80 um. When used as a SUPER FILLER do not exceed 400 um of dry film thickness.                                      |
| <b>STORAGE</b>              | 18 months (cool, dry away from sunlight ).  |

**Our technical department is at your service for any further details or information you may require.**

## **RECOMMENDATION ON APPLICATION**

Acrilprimer 2K 5:1 is a very concentrated and high solid content product enabling very high thickness covering.

Furthermore it has a very fast and concentrated hardener allowing sanding in cold temperatures and in rapid time.

To obtain the best performance it is required product is used with due accuracy in mixing ratio, to be as follows:

|                |              |           |
|----------------|--------------|-----------|
| Acrilprimer    | 5 parts =    | 100 gr    |
| Unihard Primer | 1 part =     | 12%       |
| Diacril        | 1-2* parts = | 12 – 24 % |

\* subject if it used as isolator

For best results in mixing, we advise to use a scales mixing hardener by weight at 12% or any small cup, mixing in the ratio of 5 parts of Acrilprimer, 1 part of hardener and 1/2 parts of Diacril.

We advise against use of the ruler which does not ensure the due accuracy.

In the event precision in mixing components cannot be achieved, it is preferable using the hardener Unihard HS that, even if it is added in big quantities, it has higher flexibility and adhesion properties.

Of course this last hardener is not fast and easily sanding as the first one.