

# SOLCOAT<sup>®</sup> PVDF 25

## Applications

Ideally suited for very demanding atmosphere where the material is submitted to harsh UV radiation.

## Recommended applications areas

Rural, normal urban or industrial areas where the level of corrosion is between low to moderate. Areas with low level of salinity located further than 3 km from the coast. Altitudes above 900 meters and subjected to strong UV rays.

## Description

| DESCRIPTION            | RESULT  | STANDARD   |
|------------------------|---|------------|
| Thickness              | 25/7 $\mu\text{m}$  | EN 13523-1 |
| Specular gloss (60°) * | 30% $\pm$ 6%  | EN 13523-2 |
| Colour difference *    | Light color $\Delta E \leq 0,8$<br>Medium color $\Delta E \leq 1,0$<br>Dark color $\Delta E \leq 1,2$ | EN 13523-3 |

\*Coated Solutions standard values. Further properties available upon request

## Properties

| TEST                                       | RESULT                             | STANDARD    |
|--|------------------------------------|-------------|
| Pencil hardness                            | H                                  | EN 13523-4  |
| Impact resistance                          | 18 J                               | EN 13523-5  |
| Resistance to Delamination (Indentation)   | 7 mm                               | EN 13523-6  |
| Resistance to Delamination (T-Bend)        | $\leq 1T$                          | EN 13523-7  |
| Resistance to Fissuration (T-Bend)         | $\leq 2T$                          | EN 13523-7  |
| Corrosion resistance**                     |                                    |             |
| · Salt spray test                          | 360 h                              | EN 13523-8  |
| · Corrosion resistance category            | RC3                                | EN 10169-2  |
| Resistencia a los UV                       |                                    |             |
| · QUV test (UVA+H <sub>2</sub> O) (2000 h) | $\Delta E \leq 2$ ; GR $\leq 80$ % | EN 13523-10 |
| · UV resistance category                   | RUV4                               | EN 10169-2  |
| Resistance to solvent (MEK)                | 120 dr                             | EN 13523-11 |
| Resistance to humidity**                   | 1000 h                             | EN 13523-26 |
| Reaction to fire classification            | A1                                 | EN 13501-1  |

\*\*Mass and type of coating: Z225, ZA200 o AZ150