

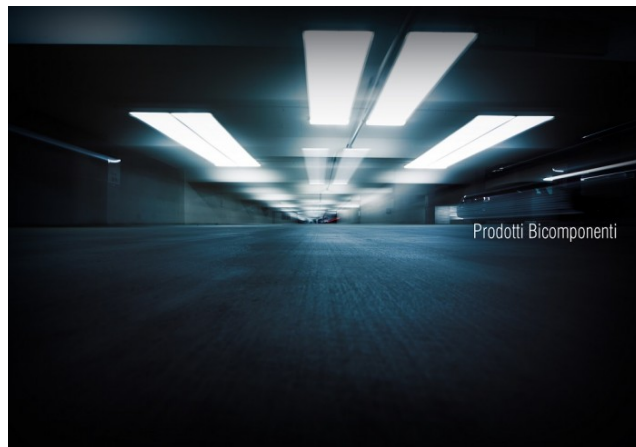
## Polismal



Aliphatic polyester polyurethane

Good weathering performance

Good chemical resistance



### Code

0212

### Description

Aliphatic polyester polyurethane. Has excellent resistance to corrosion, chemicals and abrasion. Suitable for application over epoxy primers and intermediates.

### Use

Outstanding performance properties in both mild and aggressive environments.

### Aspect of the film

Glossy

### Color

White and tinting ral

### Components

2

### Hardening

Chemical reaction two component

### Specific weight

1,180 - 1,260 gr/ml (A + B)

### Volume of solids

55%

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Voc                        | 396 gr/litre                                                                                                           |
| Least tickness             | 40 micron                                                                                                              |
| Theoretical Coverage       | 13,7 mq / litro for tickness 40 micron dryi                                                                            |
| Flash point                | Component A 34°C<br>Component B 27°C<br>Thinner 27°C                                                                   |
| Gloss                      | > 90 gloss                                                                                                             |
| Dry temperature resistance | 120°C continuous, 160 °C discontinuous.                                                                                |
| Chemical resitences        | Water Very good    Diluitable acid Good    Sea water Very good    Diluitable alkali Good                               |
| Surface preparation        | Surfaces priming with epoxy primer or intermediates free dirt, dust, oil or all other contaminants                     |
| Product mixing             | Blending A component before use, add B component and blending<br>Component A 100<br>Component B 20<br>Thinner 5 - 20 % |
| Induction time             | not expected                                                                                                           |
| Pot life                   | 8 hours a 20°C                                                                                                         |
| Thinning                   | For roller application: 10%<br>For airless application max 5%<br>For spread application: 10- 20 %.                     |

**Application Conditions**

Ambient temperature: da + 5 a 40°C  
Surface temperature: > di 5°C  
Humidity: 0 - 70 %

**Curing Schedule**

|                        | 10°C | 20°C | 30°C |
|------------------------|------|------|------|
| For tickness 40 micron | 8    | 4    | 2    |
| Dry thouch             | 24   | 12   | 8    |
| Final cure             |      |      |      |

hours

**Minimum dry to recoat**

|                | 10°C    | 20°C | 30°C |
|----------------|---------|------|------|
| Minimum (hour) | 24      | 12   | 6    |
| Max            | 1 month |      |      |

**Application**

Brush, roller, airless  
Nozzle diameter: 0,33 (0,013 inch)  
Air pressure: 180 atm

**Storage**

Two years (max 40°C)

**Packs**

Comp A 20 kg Comp. B 4 Kg Thinner 5, 25, 180 lt