

## Highly resistant solvent-based enamel

### DESCRIPTION

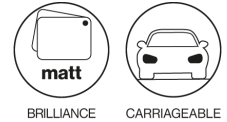
Two-pack acrylic-polyurethane formulation, non-yellowing, aliphatic, isocyanate hardener, suitable for coating industrial flooring requiring good resistance to chemicals and oils. It is thus particularly suited for use in chemical, pharmaceutical, mechanical, electrical industries and in garages and covered car parks. High drive-over. Matt finish. For indoor and outdoor use.

Adherence (cross-cut test): ISO value=0

Taber abrasion resistance (weight loss): 25.4 mg after 1000 revolutions with "CS17" abrading wheel as per certificate no. 294523 issued by Istituto Giordano

### MAIN PROPERTIES

- High scratch resistance;
- Excellent adhesion;
- Resistant to UV radiation



### TECHNICAL DATA

|                                      |  |
|--------------------------------------|--|
| Volatile organic compounds (VOC)     | Cat A/j (2004/42/CE); EU limit 500 g/l (2010). This product contains max 500,00 g/l of VOCs.   |
| Film aspect EN 13300                 | Satin (>10 gloss <60 at 60°).  |
| Thickness EN 13300                   | Class A, fine (< 100 µm) approx. 60 micron in 2 coats  |
| Adhesion on concrete (EN 1542)       | > 1.5 MPa  |
| Classification (UNI 8681 / UNI 8682) | Finishing layer paint, in solution, two-component, chemically reactive hardening, opaque, polyurethane acrylic with aliphatic isocyanate (B4.A.1.C.2.EC) |
| Specific weight                      | A+B Pigmented Paviglass (A+B): 1200 ± 50 g/l<br>A+B Transparent Paviglass (A+B): 1050 ± 50 g/l   |
| Type of binder                       | Acrylic polyurethane with aliphatic isocyanate   |
| Solid content                        | (A+B): 45 ± 2%   |
| Catalysis ratio (weight)             | A: B = 3 : 1   |
| Drying time                          | Dust dry: 1 h<br>Fully dry: 12-72 hrs  |
| Pot life                             | About 3 hours  |

### CHARACTERISTICS

|                   |   |
|-------------------|---|
| Coverage          | 6-7 m <sup>2</sup> /l   |
| Coverage per pack | (12+4 l): 112 m <sup>2</sup> , approx. Coverage varies according to substrate absorption.                                     |
| Overpaintable     | After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required. |
| Colour range      | Transparent and colours can be produced with the You Color tinting system   |
| Dilution          | Polyurethane Thinner (IVAS); Max 10%  |

## APPLICATION

### **Suitable Substrates:**

Flooring: epoxy and concrete

### **Ambient Conditions:**

Application temperature: min 10°C max 35°C RH max 80%. The product cannot endure moisture in the 8 hours after application

### **Preparation of the Substrate:**

Flooring: The substrate must be dry, clean and free of any loose, friable parts. In case of concrete flooring, the substrate must be carefully sanded- blasted- ground and then treated with Epoxy Primer XB (IVAS) or, if the substrate is uneven, we recommend skimming with diluted Epoxy Bond (IVAS) with the addition of 70% Quarzo 06 (IVAS) using a serrated spatula (3 mm triangular teeth)

In case of epoxy flooring, the substrate must have been completed no more than 24 hours before; if not, it must be adequately sanded

### **Type of Equipment:**

Short-haired roller, spraying equipment (recommended pressure: 7 - 8 atm Ø nozzle 1.7 - 2 mm)

### **Application Procedure:**

Add the catalyst to the acryl-polyurethane enamel as indicated in the Mixing ratio and dilute. The two packs are supplied in pre-weighed containers ready for mixing: never mix using measuring cups or, even worse, by eye! The two packs must be carefully and thoroughly mixed. If mixed incorrectly, the product will harden abnormally, compromising its performance characteristics. If such problems arise, the entire coating must be completely removed and the application repeated. Using a roller or spray equipment, apply two or more coats of PAVIGLASS waiting 12 hours (max.24 hours) between coats. When used as anti-slip, once catalysed, at the moment it is used, add 20% glass beads (Ø 0.25 mm), mix thoroughly and then apply using a maximum 10% Polyurethane Thinner (IVAS) (Do not use nitro-based thinners). We recommend mixing occasionally during application.

## STORAGE

### **Disposal and safety indications:**

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

### **Packaging:**

12+4 l - 3+1 l - 0.750+0.250 l

### **Storage:**

6 months when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

## TECHNOLOGIES/CERTIFICATIONS

