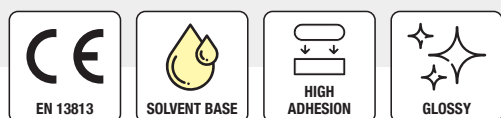


DUROGLASS P2R

RAPID EPOXY COATING WITH EXCEPTIONAL ADHESION TO CONCRETE



CHARACTERISTICS

Quick curing.

Excellent adhesion on cementitious substrates.

Can be used as **primer** and **topcoat**.

Glossy finish with excellent **hardness** and **wear** resistance.

Can be quickly **overcoated** with polyurethane topcoats.

Low **solvent** content.

Easy application by brush, roller, airless spray.

Contributes to **LEED** certification credits.

Meets the requirements of standard **13813** for synthetic resin screeds.

APPLICATION TEMPERATURE

Applicable from **+5°C** on the substrate.

OPERATING TEMPERATURE

Operating temperature **-25°C to +110°C**.

FIELD OF APPLICATION

- Ideal for daytime thick-film cement floor coverings.
- Horizontal and vertical signage.

DUROGLASS P2R

PREPARATION OF THE SUBSTRATE

- The surfaces to be treated must be **sound, compact and free from dust and contamination** by foreign substances (dirt, oil, grease, release agents, etc.).
- The **cementitious substrate**, after suitable mechanical preparation, must have a surface resistance to tearing greater than 1.5 MPA, measured using suitable instruments.
- In the case of **ceramic substrates or old resin coatings**, after suitable mechanical preparation, their correct adhesion to the substrate and the absence of traces of pollutants must be verified.
- Deteriorated **joints, holes** and other **irregularities** must be adequately levelled out and repaired with epoxy grout such as **STARCEMENT 385**, or epoxy mortar such as **DUROGLASS P 1 / 2** adequately charged with quartz or **ADDENSANTE NT2**.

On damp concrete substrates: use **DUROGLASS FU BIANCO TIX** or **DUROGLASS FU RAPID** beforehand, referring to the respective technical data sheets for application methods.

PRODUCT PREPARATION

Two-component product to be mixed thoroughly before use with a low-speed helical mechanical stirrer, working as follows:

- Add component B to component A and mix until completely homogenised.

DILUTION AND COLOURING

The product is available in a neutral converter version, which can be coloured with
 - 1 kg of **SOLIDGLASS** colour paste.

The product can be applied as it is or thinned by 5 - 10 % with **DILUENTE 21**.

DUROGLASS P2R



PRODUCT APPLICATION

DUROGLASS P2R can be applied to:

- Roller
- Brush
- Airless spray (using 0.015 to 0.021 inch with pressure of at least 180 bar)

The indicative consumption of **DUROGLASS P2R** is 0.3 kg/m², making sure that there are no areas of increased absorption, which must be recoated.

WARNINGS AND PRECAUTIONS

- Free and stagnant water from the substrate or from previous washing operations or meteorological events must be removed or dried by appropriate means.
- Applied below 10° C, carbonation may occur.

SAFETY AND CLEANLINESS

When applying these products, the use of goggles, masks and rubber gloves and all PPE required by current regulations is recommended.

Work tools must be cleaned with **DILUENTE 21** after use.

For further information on precautions of use, please refer to the safety data sheet.



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TECHNICAL DATA

Colour		RAL palette
Specific weight	EN ISO 2811-1	1,37 ± 0,05 Kg/l
Viscosity at 20°C	EN ISO 2555	1500 ± 150 mPa·s
Pot life 22°C	EN ISO 9514	80 minutes
Mixing ratios		Parts by weight comp. A 100 Parts by weight comp. B 23
Non-volatile substances	EN ISO 3251	90% by weight
Hardening at 22°C, 50% R.H.		- dry to touch: 1 hour - over-application: 2 hours - fully cured: 7 days
Storage		Product in original sealed containers kept in a dry and protected place at temperatures between +5°C and +35°C will keep for 12 months.

CR10: sulphuric acid 20%.

CR11: 20% sodium hydroxide

CR14: surfactants

The data and prescriptions given in this sheet, based on the best practical and laboratory experience, are in any case to be considered indicative. In view of the different conditions of use, and the influence of factors independent of MPM (substrate, environmental conditions, technical direction of application, etc.), it is up to the user to determine whether or not the product is suitable for use. Our guarantee obligation is limited to the quality and constancy of the finished product for the above-mentioned data, only for technical data sheets that are stamped and countersigned by the delegated personnel at our headquarters. The customer is also obliged to check that these values are valid for the batch of product he is interested in and are not superseded and/or replaced by subsequent editions and/or new formulations. The data contained may change at any time without prior notice from MPM.