

DUROGLASS P5/1

**2 COMPONENT EPOXY, SELF-LEVELLING
AND LOW VISCOSITY WITH YELLOWING RESISTANCE**



CHARACTERISTICS

High mechanical resistance.

Low viscosity.

Fast curing.

APPLICATION TEMPERATURE

Applicable from **+5°C to +35°C** of the substrate.

OPERATING TEMPERATURE

From **-25°C to +60°C**.

APPLICATION FIELDS

Renovation work on concrete and/or wooden substrates. Also suitable for thick synthetic flooring for new interventions or restoration of deteriorated floors and/or substrates; binder for Venetian blinds and for screeds with ceramic quartz.

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SUBSTRATE PREPARATION

The substrates must be clean, any traces of oil, grease, paint, efflo-rescence, etc. must be removed beforehand, as well as any chalking or removable sections.

PRODUCT PREPARATION

Two components product to be mixed before using.
Add component B to component A and mix them until complete homogenization.

DILUTION

Ready to use.



PRODUCT APPLICATION

DUROGLASS P5/1 can be applied by:

- Trowel
- Suitable equipment
- Vibrating screed and/or helicopter for mechanical trowelling

Theoretical consumption 0,7-0,9 kg/sqm of binder. These consumptions are indicative and depend both on the ratio and grain size of the filler used at the time of application.

As screed binders, a resin quartz ratio (grain size 0,2-1,5) of 1:25 by weight is possible.

OVER APPLICATION

After 16/32 hours depending on temperatures and thicknesses obtained.

SAFETY AND CLEANLINESS

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

After use, the tools must be thoroughly cleaned with **DILUENTE 6**.

For more information regarding the precautions for use, please refer to the safety data sheet.



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TECHNICAL DATA		
Colour		Transparent, possible yellowing when subjected to UV
Specific weight	UNI EN ISO 2811-1	1,09 ± 0,05 Kg/l
Catalysis ratio		100 parts by weight 50 parts by weight
Viscosity 20°C	EN ISO 2555	800 ± 400 mPa·s
High solid content	EN ISO 3251	ca. 100%
Pot-life 22°C	UNI EN ISO 9514	35-40 ± 10 minutes
Consumo teorico		2,2 Kg/m ²
Spessore teorico		2000 µm
Drying and curing 22°C, 50% U.R.		- touch dry: minimum 8 h - curing: 3-5 days
Compressive strenght	UNI EN ISO 604	> 70 MPa
Flex resistance	UNI EN 13892-2	> 28 MPa
Shore D hardness	EN ISO 868	80
Concrete adhesion	ASTM D 4541	> 2 MPa or concrete failure
Storage		The product in the original sealed packages kept in a dry and protected place, at temperatures between +5°C and +35°C, can be kept for 12 months.

The data and instructions given in this sheet, based on the best practical and laboratory experiences, are to be considered in any case indicative. Considering the different conditions of use, and the intervention of factors independent of MPM (support, environmental conditions, technical laying direction, etc.) whoever intends to use it is required to establish whether or not the product is suitable for use. Our the guarantee obligation is therefore limited to the quality and constancy of the same in relation to the finished product, and exclusively for the above data. This form replaces and cancels the previous ones. The data contained may vary at any time without prior notice by MPM. Updates published on the website www.mpm srl.com