

PAVIPLAST CASTING

Epoxy product for casting (A+B)

Description

2 component epoxy pigmented product, fast hard, with excellent adhesion on concrete substrates.

Usages

Casting for airport runway and taxi lights

Putty for service canals and seating for runway lights

Preparation of the substrate

- Concrete substrates have to be solid, absorbent and not polluted by oils, dust or any other substances.
- Bituminous surfaces have to be carefully cleaned in order to have a regular surface.



Application

In order to have a perfect final result, the material have to be applied at a temperature between +5°C and +30°C.

At the moment of the application put the two components in one container and mix them with a drill mixer.

To the mixture A+B it is possible to add the 30% in weight of **QUARZO B2** (0,3-0,9).

Put the material in the volume which have to be filled.

Technical data

Appearance		Pigmented liquid
Density		1,60 +/- 0,05 g/ml
Solid content		100% in weight
Viscosity	at 25°C	5800 +/- 1000 mPascal
Pot-life	at 30°C	> 6 minutes
	at 25°C	10 minutes
	at 5°C	> 25 minutes
Ratio in mixture		A=100 B=19
Hardening in depth	at 25°C	2 days
Application conditions		Temperatures between 5°C and 30°C
Solvent to clean the tools		Solvent UNI
Storage		12 months in a dry and protected place at a temperature between 5°C and 35°C

Mechanical characteristics after 7 days, at a temperature of 25°C

Resistance to compression	70 N/mm ²
Resistance to flexion	20 N/mm ²
Resistance to traction	33 N/mm ²
Termical dilatation coefficient	2x10 ⁻⁵ °C ⁻¹

WARNINGS:

For low temperature applications, the material can be warmed up till 25°C to facilitate the application (lower viscosity).