
HGH GLOSS SOLVENT FREE EPOXY FLOORING

Parsifloor 46M1

DESCRIPTION

- * Two component solvent free epoxy coating based on low viscosity epoxy resins and hardeners which result in a very low viscosity paint with high self leveling property.

USES

- * Outstanding self leveling topcoat for epoxy flooring systems .
- * Excellent binder for silica filled intermediate and topcoat in heavy duty epoxy flooring systems. It is possible to be loaded with silica up to 100% weight.
- * Heavy duty troweling flooring system .
- * Can be used as joint fillers binder and as well as surface mastics binder.

FEATURES

- * Very low viscosity which ensures bubble free coating.
- * High self leveling results to high gloss.
- * Applying solventless thick coats are possible.
- * Capable of applying in thin films with thinner .
- * Resistant to spillage of weak acids & alkalis .

TECHNICAL DATA

Finish	High Gloss
Colour	White , coloured ¹
Specific gravity (at 20 °C , Mix)	1.35 ± 0.05 (gr/cc)
Volume solid	100 %
Recommended DFT	1 - 3 (mm)
Flash point	110 °C
Shelf life (at 20 °C)	12 months
Package	20 Liters, others on request

¹ It is supplied in all shade with the same data.

SURFACE PREPARATION

- 1 - Should be applied on an epoxy primed surface .
- 2 - Remove any oil , dirt , dust & moisture .

RECOMMENDED PAINT SYSTEMS

P : 4601(series)	200 - 300	micron
I : 46M1 or 46M2 or 46M3 + silica (optional)	2 - 6	mm
T : 46M1 or 46M2 or 46M3	1 - 3	mm



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APPLICATION DATA

Method	Roller, Squeegee		
Cleaner	T - 404 (just for cleaning)		
Mixing ratio by weight	100 : 29.63	Base : 16.2 kg + Hardener : 4.8 kg	
Pot life (at 20 °C)	Max. 1 hr		

Theoretical Coverage :

Dry film thickness (mm)	1	2	3
Coverage (m ² / lit)	1.00	0.50	0.33
Coverage (m ² / kg)	0.74	0.37	0.24

Touch dry (2 mm , 20 °C)	24 hrs
Fully Cured (2 mm , 20 °C)	7 days

- At higher dry film thickness, lower temperature and poor ventilation drying time will be longer.

Recoating interval :

Surface temperature	10°C	20°C	30°C
Min. Interval (hrs)	36	24	12
Max. Interval (days)	7	5	3

APPLICATION INSTRUCTIONS

- * Check all equipments are dust, oil and moisture free. If needed , flush with cleaner thinner.
- * It is recommended to use the paint with the temperature above 15°C, otherwise in cold seasons to reach the application viscosity it is recommended to keep the paint at a warmed up storage at least 3 days before use.
- * If it is plan to add silica aggregates to the 46M1, first weight the calculated amount of silica for each container in a separate bag or container.
- * Add the hardener to the base and mix them for at least 30 seconds. If silica aggregate should be imparted, add it immediately to the mixture and mix them at least for 1 minute.
- * Pour the mixture on the floor and spread it by suitable tooth squeegee .
- * Remove the escaping entrapped air which are bubbled to surface by suitable air releasing roller.

SURFACE TEMPERATURE

Must be at least 3°C above dew point, apply the coats when surface temperature is from 10°C to 40°C. Please consult Parsifam if the substrate temperature is lower or higher.

SAFETY

- ▲ Due to high flammability , keep away the paints from heat , sparks and flames.
- ▲ Avoid contact the paints with eyes and skin.
- ▲ Use mask and gloves and provide suitable ventilation for the reasons of health and safety.

REMARKS : The information submitted in this data sheet is based on our best current knowledge and experience. The ultimate performance of this coating is quite related to performance of surface preparation, application procedure and conditions that limits our liability to the figures of submitted technical and application data .