



FLOOR PAINT

TECHNICAL DATA SHEET NO.: L-131-A

DATE: JULY 2005

PRODUCT CODE:		FP range		THIS SUPERSEDES ALL PREVIOUS PUBLICATIONS	
Product Description		A high quality water based floor paint for interior and exterior concrete surfaces.			
Intended Uses		<ul style="list-style-type: none">FLOOR PAINT is a durable, hardwearing and fashionable coating for concrete surfaces such as floors, patios, stairs, driveways, pathways and garages.			
Features		<ul style="list-style-type: none">Easy to use, waterbased satin finishRapid drying, can be over coated within 2 hours enabling two coats to be applied during the same day.Easy application by brush, roller or air spray.Easy to clean equipment with water after use.Good adhesion to previously painted surfaces.			
Product Information		Appearance	Sheen level depends on the substrate finish/profile		
		Colours	As per colour card.		
		Solids	Approx. 45 % by mass; 36 % by volume		
		S G	1,20 (typical for white)		
		Recommended DFT	Min.: 20 µm		
		Practical spreading rate	Cement slabs first coat: 8-10 m²/ℓ (typical)		
			Extremely porous/coarse surfaces and surface profile will affect the spreading rate.		
		Viscosity at 23 °C	Approx. 85 KU		
		Flash point	Non-flammable		
Application Details		Mixing	Stir thoroughly with a flat paddle until homogeneous and occasionally during use.		
		Method	Brush, roller or conventional spray.		
		Thinning	Do not dilute.		
		Cleaning	Water		
		Substrate	Granular cement bricks, concrete slabs.		
		Application Environment	Surface Temperature	Ambient Temperature	Relative Humidity
			Min.: 10 °C Or min. 2 °C above dew point	Min.: 10 °C	
			Max.: 35 °C	Max.: 40 °C	Max.: 85 %
		Drying time	Touch dry	30 min at 23 °C	
			Recoating	2h at 23 °C	
			Foot traffic	6 h at 23 °C	
			Vehicle traffic	48 h at 23 °C	
Storage and Packaging		Store away from direct sun, heat and severe cold.			
		Packaging: 5 ℓ			
Transportation		This product is non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996).			

CEMENT STAIN

Surface Preparation SURFACE PREPARATION

To obtain best performance the surface must be prepared correctly before application. Allow new concrete to cure for at least 4 weeks before painting. Concrete must be thoroughly cleaned before painting. For severely stained surfaces, please contact customer service for advice prior to painting.

ETCHING OF SMOOTH CONCRETE (new or old, unpainted)

If concrete is SMOOTH etching is essential to achieve maximum adhesion of FLOOR PAINT. Etch the surface with PLASCON CONCRETE ETCHER, the safer, environmentally friendly and easy to use alternative to conventional acid etching. PLASCON CONCRETE ETCHER is a low toxicity, organic acid, which reacts with concrete in a constructive manner to improve the strength of the surface layer. It does not erode the concrete or corrode metal fittings. Follow instructions on PLASCON CONCRETE ETCHER pack. After etching, it is essential to remove all loose residues before painting. This can be done by thorough scrubbing with a stiff bristle broom or by water blasting. Scrubbing must be followed by thorough rinsing with a strong jet of water from a garden hose before the surface dries. Allow to dry before painting. Check that etching has roughened the surface and created porosity. Test for loose residues with adhesive tape. If cement or loose material is picked up on the tape, repeat the cleaning process. If loose residues persist, call Customer Service for further advice.

CONCRETE SURFACES – ROUGH (not smooth eg wood floated)

The surface to be painted must be free from dirt, oil, grease and other contaminants. Degrease the surface to remove grease and other stains using PLASCON AQUASOLVE DEGEASER (GR1). Use a stiff bristled broom to remove sand, loose aggregate and other contaminants and then sweep it clean. Wash thoroughly with water, then allow to dry.

CONCRETE SURFACES – PAINTED

Check for lifting of old paint and if unsure check a small area for adhesion and compatibility. If problems are observed total removal of old paint is required. Scrape off all loose and flaking paint. Remove all contaminant such as dirt, grease, oil, dust, etc. Sand a smooth or glossy surface to improve adhesion. Clean thoroughly with a strong detergent and wash thoroughly with water, then allow to dry.

TO IMPROVE SLIP RESISTANCE

If additional slip resistance is required add PLASCON FLOOR GRIP to the paint before application. Follow the instructions on the pack.

Application

- Stir FLOOR PAINT thoroughly with flat paddle before and during use.
- Thin the first coat on smooth or unpainted concrete with 10-15% of water to aid penetration and adhesion.
- Apply two coats to the correctly prepared surface for maximum durability.
- Use a brush, roller or a spray gun for application.
- Allow at least 2 hour drying time @ 23°C between coats of FLOOR PAINT.
- When painting hot concrete cannot be avoided, lightly dampen down immediately before application.

Cautions

- Friable and powdery surfaces require special care before painting – if in doubt contact Plascon Help Line 0860 20 40 60.
 - Do not apply to surfaces with temperatures below 10 °C or above 35°C.
 - Allow light traffic after 6hrs drying and heavy traffic after 2 days of drying @ 23°C. drying times may be extended
 - in cold, damp or humid conditions
 - Do not apply the paint under conditions of frost, dew, rain, fog or adverse weather. Note: Applying under the above conditions may affect the performance of the coating.
- To ensure that colours on a project are consistent, check that batch numbers are the same.

Safety Precautions

- Keep out of reach of children.
- Ensure good ventilation during application and drying.
- Do not pour paint down the drain.
- In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk.
- Do not induce vomiting. Seek medical attention.
- Refer to Material Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in all good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B.: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest PDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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