

DESCRIPTION

KEN FLOOR KF 100 AS is a two component selfleveling epoxy resin floor coating offering excellent chemical and abrasion resistance. The finished surface is high gloss, seamless, hygienic and available in a range of attractive colors.

PRINCIPAL CHARACTERISTICS

- Good abrasion resistance.
- Excellent impact resistance.
- Tough, smooth non porous surfaces.

RECOMMENDED USE

KEN FLOOR KF 100 AS is conductive in nature. This product is suitable for industrial or commercial floors where an anti-static or conductive surface required. It is most recommended for interior surfaces of clean rooms such as:

- Electronic factories
- Computer room
- Hospitals
- Printing factories
- Pharmaceutical factories
- Oil & Gas Facilities
- And other factories and locations dealing with hazardous dust, inflammable gases or liquids.

Excellent adhesion to concrete, mortar, screed and a limited number of other surfaces make **KEN FLOOR KF 100 AS** epoxy concrete primer ideal for many medium to heavy industrial areas.

SPECIFICATION DATA

Gloss	Gloss
Colour	By Req.
Specific gravity	1.2 ± 0.5 kg/litre.
Solid by volume	95 ± 2%
Recommended	Dry film thickness : 1000 – 2000 microns.
Coverage theoretical	0,75m ² / litre – 1000 microns.
Dry time	

Temperature	Touch dry	Hard dry	To Top Coat	
			Min	Max
25°C	3 - 5 hours	8 hours	4 hours	Extended
32°C	1 - 2 hours	6 hours	2 hours	Extended

Full cure	7 days
Service Temperature	25 ⁰ - 38 ⁰ C
Pot life	30 minutes.
Shelf life	12 months (cool and dry place)
Mixing ratio	Base : Hardener = 4 : 1 (by volume)
Method application	Brush, roller or roskam.

The information in this product data sheet is given to the best of our knowledge based on laboratory testing and practical experience. If the product is used under condition beyond our control, we cannot guarantee anything but the quality of the products it self. The information in this product data sheet is liable for modification from time to time in the light of experience and our policy of continuous product development, and without further notice.

SURFACE PREPARATION

Compressive strength of concrete floor must be more than 25 N/mm². Direct trawl finish concrete without cement render is the best surface condition for epoxy flooring. Age of concrete should be more than 28 days and moisture content should be less than 5%. The temperature of the substrate must be at least 3°C above the current dew point temperature. . Good ventilation is necessary when the paint is used in confined spaces. Correct substrate preparation is critical for optimum performance. Surfaces must be structurally sound, clean and free from loose particles, oil, grease and all other contaminants. Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or degreasing compound followed by mechanical cleaning. Cement laitance, loose particles, mould release agent, curing membrane and other contaminants must be removed from surface by shot blasting, scarifying or grit blasting followed by vacuum cleaning. After pretreatment of the substrate, the bonding strength of the substrate must be at least 1.5 N/mm². **KEN FLOOR KF 100 AS** epoxy concrete primer should not be exposed to water, chemicals or mechanical stress until it is fully cured.

SAFETY PRECAUTION

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in cool, ventilated area when not in use. Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interior and building.

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