

PROTEGAFLOOR EEF

DESCRIPTION

A single pack epoxy ester floor, and general purpose, coating.
ProtegaFloor EEF Clear is urethane alkyd based, to ensure good film clarity.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ For interior use on concrete, stone and timber.
- ◆ Provides good resistance to scuffing, spillages of oil, petrol, detergents and dilute aqueous chemical solutions.
- ◆ Generally used for cosmetic, light duty requirements, for simplicity in application.
- ◆ Being white spirit based it is generally compatible with most existing systems.
- ◆ An anti-slip version is available by sprinkling Protega anti-slip No.1 aggregate onto the wet film (consult Protega Coatings for full details).
- ◆ Suitable as a non-saponifiable barrier coat over zinc paints where alkyd finishes are to be used.

TECHNICAL DATA

Volume solids 40 ± 2% (ISO 3233) (colours – may vary with shade); 31 ± 2% (Clear)

Weight solids 52 ± 2% (colours).

Specific gravity 1.01 – 1.15 depending on colour.

Product code 2928 series (Clear – 2928 006)

Recommended film thicknesses and theoretical coverage

Recommended film thicknesses		Theoretical coverage
dry	wet	
30 µm	76 µm	13.0 m ² /l
50 µm	128 µm	7.8 m ² /l

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Drying time

DFT 40 µm		+ 10 °C	+ 23 °C	+ 35 °C
Dust free		6 h	4 h	3 h
Hard dry		24 h	16 h	10 h
Overcoating	Min	24 h	16 h	10 h
	Max	Indefinite		

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Finish Semi-gloss

Colours Tile Red (EEF002), Mid Grey (EEF003), Green (EEF005), Clear (EEF006), plus a wide range of tinted shades readily available ex stock.

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APPLICATION DETAILS

Surface preparation	<p>Surfaces should be clean, dry and free from all grease, oil, and general contamination.</p> <p>New Concrete The surface must be free from loose dust deposits and laitance. Laitance may be removed by abrasive blast cleaning, power grinding or acid etching. More than one application of acid etching may be required to produce the fine granular surface required for good adhesion.</p> <p>Old Concrete Thoroughly clean all surfaces to remove all dirt, oil grease, friable materials and any contamination by a combination of abrasive blast cleaning, power grinding or detergent washing. If applying over sound existing coatings please consult Protega Coatings for advice on compatibility.</p> <p>Patching Clean out potholes and cracks to a minimum width of 5 mm. Prime potholes and cracks with Temafloor 210 and while the primer is still wet, fill with a mix of Temafloor 210 and ProtegaFloor 2000 Filler, mixed in the ratio of 1 part Temafloor 210 mixed resin to 1 to 2 parts of ProtegaFloor Filler. Consult Temafloor 210 data sheet for further details.</p>
Application conditions	<p>The concrete surface must be dry and at least 4 weeks old. The moisture content of the concrete should not exceed 6%.</p> <p>For all applications, only apply in conditions of good ventilation which should be maintained during drying. Do not apply when rain, mist, sleet or snow are imminent. During application and drying time of the paint coating, the surface should be dry, the Relative Humidity should not exceed 85% and the substrate temperature should remain at least 3°C above the dew point.</p>
Mixing	Mix thoroughly prior to application.
Application	Brush or Roller recommended for floor coating. Product may also be airless sprayed – 15 to 19 thou tip and 2000 psi minimum pressure recommended.
Thinner	1050 Thinner
Cleaning of equipment	Remove remaining paint from equipment, flush thoroughly with 1050 Thinner until solvent appears uncontaminated.
FLASH POINT	32°C - 55°C.
STORAGE	Store in dry, cool conditions and protect from frost.
VOC	Volatile Organic Compound content: 490 ± 20 gm/ltr, varies with colour.
HEALTH AND SAFETY	<p>Containers are provided with safety labels, which should be observed.</p> <p>Further information about hazardous influences and protection are detailed in individual health and safety data sheets.</p> <p>A health and safety data sheet is available on request from Protega Coatings Ltd.</p>
PRODUCT NOTES	<p>Priming: In the case of new floors, prime bare concrete by thinning 10 – 15% using Thinner 1050. Note that porous surfaces may absorb the first coat.</p> <p>Top Coats: Apply undiluted keeping to a wet edge. Do not over apply or through-drying problems may result.</p> <p>Floors can be back in service after 24 hours but 7 days should elapse before cleaning with detergents.</p> <p>Minimum recommended application temperature is 10°C to ensure adequate through drying.</p>