

Ivory 338 & 338 LR Chemical Resistant Resin

PRODUCT DATA SHEET

Description

A specialised high performance epoxy resin with excellent resistance to acid, alkali and most solvents. Supplied as *Ivory 338* grey or white coating or as *Ivory 338LR*, a clear laminating resin for use with glass fibre.

Uses

Designed for use in high chemical environments such as acid and alkali bund areas, battery charging bays, chemical loading bays and other areas where conventional epoxy systems are unsuitable. Can be reinforced with fibreglass. Seal coat for *Ivory 338/20* epoxy screeds and linings.

Advantages

- Extremely good chemical resistance to concentrated solutions of both organic & inorganic acids.
- Extremely good mechanical properties.
- Can be applied to vertical surfaces.
- Can be supplied in basic colours.

Resistance

Examples of resistance to 30 day immersion in the following solutions:

10% Lactic acid	10% Acetic acid
70% + 98% sulphuric acid	35% Hydrochloric acid
50% Sodium Hydroxide	Trichloroethane
Xylene	Ethanol
Butyl Cellosolve	Sugar solutions
Commercial Sodium Hypochlorite	Butyl Cellosolve

Preparation

Blast, grind or acid etch to remove laitance. Chemically clean where necessary to remove any contamination and allow to dry to a moisture content not exceeding 4%.

Properties

Pack Size:	3ℓ
N° of Components	2
Mixing Ratio, Epoxy / Activator:	Mix as Supplied
Pot life:	35 minutes
Temperature Tolerances:	
Max: laying	30°C
Service	70°C
Min: laying	10°C
Service	0°C
Curing Time:	24 hours for traffic 7 days for complete cure
Colours:	Grey & White or Clear Laminating resin
Cleaner:	Water Soluble Brush Cleaner

Application

Protection of Concrete: Apply one prime coat of *Ivory 338* at 4m²/ℓ followed by two coats at 6m²/ℓ per coat.

Seal Coat for *Ivory 338/20*: Apply two coats at 6m²/ℓ per coat.

Health & Safety

Some of the components of this product may be hazardous during mixing and application. Please consult the relevant Health & Safety Data Sheet available from Flowcrete on request and sent with each delivery.

Important Note

Flowcrete's products are guaranteed against defective materials and manufacture and are sold subject to its standard Terms and Conditions of Sale, copies of which can be obtained on request.