



CE

Topcoat 2000 CR
100% solids, 2 component, Epoxy floor coating

Topcoat 2000 CR grade is a high performance 100% solids 2 component, hard wearing epoxy floor coating with excellent chemical resistance



Applications : Concrete and plastered surfaces in Factories, Warehouses, Chemical plants, Workshops, Aircraft hangars, Laboratories, Chemical storage areas, Bunded areas, Service areas etc.

Surface Preparation: The surface should be free of grease, fat, laitance, loose materials, dust and release agents. These contaminants may be removed by washing with an industrial detergent followed by dust free shot blasting or diamond grinding.

Screed Colours: Battleship Grey (dark Grey), Gunmetal Grey (light Grey). Leaf Green, Marine Blue, Sky Blue, Honey Yellow, Sand Yellow, Tomato Red, Tile Red.

Benefits: High Chemical Resistance – see chart
Seamless finish
Easy to clean and maintain
Abrasion resistant

Conforms to EN 13813:2002

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Chemical Resistance :

Outstanding resistance to many chemicals including acids, alkalis, oils, gasoline and jet fuel.

Sulphuric Acid 10%	v.g.	Hydrochloric Acid 10%	v.g.
Chlorinated Solvents	e	Nitric Acid 20%	v.g.
Sodium Hydroxide	e	JP-4 jet fuel	v.g.
Skydrol	e	Methyl E.K.	v.g.
Ammonia	e	Xylene	v.g.
Kerosene	e		

e = excellent . v.g. = very good. n.r.= not recommended

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Chemical Resistance Guide

Acetic Acid 0 - 25%	R	Barium Chloride	R
Acetic Acid 30 – 50%	S	Beer	R
Acetic Acid glacial	S	Benzoyl chloride	R
Acetylene	R	Boric Acid	R
Adipic Acid	R	Brine	R
Aluminium Sulphate	R	Butyric Acid	S
Ammonia	R	Copper Chloride Nitrate	R
Ammonium Hydroxide 30%	R	Chromic Acid 5%	R
Ammonium Nitrate <50%	R	Copper Acetate	R
Ammonium Sulphate 50%	R	Copper Chloride Sulphate	R
Anti freeze	R	Cyclohexane	R
Cyclohexanone	S	Iso-Amyl Alcohol	R
Cyclohexanol	R	Kerosene	R
Diesel Fuel	R	Nickel chloride Nitrate	R
Diethylene Glycol	R	Nickel chloride Sulphate	R
Ethyl Bromide	S	N- Butanol	R
Ethylene Glycol	R	Methanol	R
Ethanol	R	Methyl Ethyl Ketone	S
Ethylacetate	R	Methyl Methacrylate	R
Fatty Acids	R	Oxalic Acid	R
Ferric Chloride <50%	R	Phosphoric Acid 50%	R
Ferric Nitrate	R	Potassium Nitrate	R
Ferric Sulphate	R	Potassium Sulphate	R
Formic Acid 25%	R	Potassium Hydroxide	R
Fumaric Acid	R	Salt solution	R
Gallic Acid	R	Skydrol	R
Heptane	R	Sodium Nitrate	R
Hydrobromic Acid	R	Sodium Sulphate	R
Hydrochloric Acid	R	Sulphuric Acid 10-98%	R
Hydrofluoboric Acid	R	Sulphurous Acid 10%	R
Hydrochlorous Acid	R	Xylene	R
Isopropyl Alcohol	R	Zinc chloride 50%	R
Iso-propanol	R		

R = Resistant to immersion or prolonged contact.

S = Slash and spillage only.

Substrate Requirements:

Concrete or substrate should be a minimum of 25N/mm², free from laitance, dust and other contamination. The substrate should be dry to 75% RH as per BS 8204 and free from rising damp and ground water pressure. If no damp proof membrane is present D-Proof DPM can be used.

Technical Information:

Product Components

Topcoat 2000	Solids content	100%
	Product is solvent free	
	Mix ratio	4:1 by weight
	Pot Life	25 mins @ 20 ⁰ C
	Cure Time	8 hrs @ 20 ⁰ C
Standard Colours	Gunmetal Grey	RAL 7040
	Tile Red	RAL 3009
	Battleship Grey	RAL 7031
Non Standard Colours	Leaf Green	RAL 6002
	Sky Blue	RAL 5015
	Sand Yellow	RAL 1002
	Tomato Red	RAL 3013

CE Labelling EN 13813 :2002

Essential Characteristics	Performance	Technical Specification
Flexural Strength	>20N/mm ²	EN 13813:2002
Wear Resistance	AR2	EN 13813:2002
Bond Strength	>1.5N/mm ²	EN 13813:2002
Compressive Strength	>45 N/mm ²	EN 13813:2002
Impact Resistance	IR4	EN 13813:2002
Shore D Hardness	76	DIN 53505

Health and Safety:

Skin and eye contact should be avoided by use of suitable protective clothing such as gloves, goggles, apron etc.

Use in well ventilated area. In the event of eye contact flush with water for 15 minutes and seek medical attention.

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