

EPOXY FLOOR COATING

Product Codes

TF02, Packaging listed overleaf

Description

Epoxy Floor Coating is a two part solvent free epoxy resin floor coating consisting of a pigmented base resin and a clear hardener component. The floor coating is available in a range of colours to British and European Standards. The product may be applied by brush or lambs wool roller to provide a decorative coating which is easily cleaned and chemically resistant. The applied coating is resistant to abrasive wear and to the penetration of oils and greases. The two part solvent free product is pre-packaged ready for on site mixing without any risk from solvent vapours. High build and "hiding power" may be achieved in two coats giving 400 microns thickness of application. A non-slip finish is obtained when the first coating is broadcast with non-slip grains.

Uses include: Floor coatings for kitchens and other food processing areas.
Warehouse and storage areas.
Light industrial factory areas to give resistance to foot and light vehicular traffic.
Used as a top coat in conjunction with Water Based Epoxy Coating and non-slip grains to form a slip resistant surfacing.

Specification Outline

Floor coating shall be carried out using Epoxy Floor Coating as manufactured by Tecroc Products Ltd.

The product must be stored, handled and used strictly in accordance with the manufacturer's instructions.

Typical Coating Properties @ 20°C

Useable Life	25 to 40 minutes
Mixed Viscosity	1500 to 2000 mPas
	Typical gloss paint
	approximately 1200 mPas
Dry Film Thickness	400 microns in two coats

Quality Assurance

Tecroc Products Ltd is a firm of Assessed Capability. The Company's quality system conforms to BS EN ISO 9001:2000 and is assessed by SGS Ltd Systems and Services Certification.

Instructions For Use

Preparation

All contact surfaces must be sound, clean, and dry and provide a good mechanical key. Remove all loose material, paint, plaster and oily deposits. For best results, light grit blasting is recommended.

Priming

No special priming is required.

Mixing

The Epoxy Floor Coating base component is supplied in a container which is large enough to receive the hardener component and act as the mixing vessel. Pour all of the hardener component into the base resin container and mix using a slow speed high torque drill with a Grout Stirrer. Mixing should be continued for two minutes to achieve a uniform consistency and colour.

Do not attempt part pack mixing.

Coating

Apply the Epoxy Floor Coating in two coats. The use of a brush for the first coat is recommended. For the second coat the use of a brush or a short pile simulated lambs wool roller is satisfactory. The second coat may be applied as soon as the first coat has cured to touch dry typically 12 to 24 hours. Each coat should be applied as a thin continuous film.

All tools and equipment should be washed with Solvent. Hardened Epoxy Floor Coating may only be removed mechanically.

Epoxy Floor Coating may be applied at temperatures between 10°C and 35°C. For applications outside this range contact the Technical Service Department.

Curing

Typical curing times at 20°C

Overcoat	12 to 24 Hours
Foot traffic	36 to 48 Hours
Full cure	7 Days



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

Head Office
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

Irish Distributor
Construction Chemical Supplies
Unit 219
JFK Road JFK Industrial Est
Dublin 12
Tel: 00 353 1 450 3896
Fax: 00 353 1 450 3298

Web site: www.tecroc.co.uk

E-mail: enquiries@tecroc.co.uk

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Precautions

Health and Safety

Epoxy Floor Coating is a resin based product. Resins and solvents may cause allergic reactions in some people. Wear gloves, use barrier cream on unprotected skin areas and wear eye protection when mixing, using and cleaning. Ensure adequate ventilation to prevent inhalation of vapours. If skin contact occurs remove resin immediately with cleansing cream and wash with soap and water. Do not use Solvent. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. If swallowed do not induce vomiting. Seek medical advice immediately.

Full health and safety data are given in Product Safety Data Sheet.

Fire

Epoxy Floor Coating is classified as non-flammable.

Solvent is flammable.

Should fire occur extinguish with CO₂ or foam.

Storage And Shelf Life

Epoxy Floor Coating will have a storage life of 12 months in unopened containers when kept in dry conditions at a temperature between 5°C and 45°C. Storage at higher temperatures or high humidity may reduce shelf life.

Yield

Epoxy Floor Coating is supplied in 5.0 kg combined units. From each unit the yield is approximately 3.8 litres of mixed material. Coverage of 5 – 7 m² per litre per coat.

Packaging And Ordering

Epoxy Floor Coating is supplied in 5.0kg combined units.

5.0kg Combined Units Product Code TF2

Solvent is supplied in 5 litre and 1 litre tins

5 litre tin Product Code: TM02

1 litre tin Product Code: TM08

Tecroc Products Ltd products are guaranteed against defective materials and manufacture. Products are sold subject to the Tecroc Products Ltd Terms and Conditions of Sale, copies of which are forwarded on invoice and are available on request. Tecroc Products Ltd endeavours to ensure that the above data and any further advice is correct, however, it cannot accept any direct or indirect liability for the use of its products as such usage is beyond its control.

For further information and sales please contact your local Tecroc Products Office as listed below.

Head Office
Holly Lane Industrial Estate
Atherstone
Warwickshire
CV9 2RN
Tel: 01827 711755
Fax: 01827 711330

Irish Distributor
Construction Chemical Supplies
Unit 219
JFK Road JFK Industrial Est
Dublin 12
Tel: 00 353 1 450 3896
Fax: 00 353 1 450 3298

Web site: www.tecroc.co.uk E-mail: enquiries@tecroc.co.uk



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