

TECHNICAL DATA

Revision Date 02/2005

TECFAST LEVEL FLOOR PRIMER

Product codes

TF14, TF15 Packaging listed overleaf.

Description

Tecfast Level Floor Primer is a milky white water based dispersion of an acrylic co - polymer. Tecfast Level Floor Primer is used as a bonding medium for placing cementitious mortar and concrete mixes onto prepared concrete, masonry and brick substrates.

Tecfast Level Floor Primer is a single pack product supplied in plastic containers and once diluted may be applied by brush, broom roller or spray. The bonding system is applied in two coats, the second coat being applied within 36 hours of the first coat. Tecfast Level Floor Primer may be applied to dry or "rag-dry damp" surfaces, penetrating the surface and producing a strong bond to applied mortars and concretes. The Primer Latex will bond to most construction materials including concrete, mortars, masonry and brick.

Uses include:

- Bonding of cementitious screeds and floor repairs
- Bonding of new concrete to existing concrete structures
- Concrete repairs
- Re-surfacing of masonry structures
- Render applications to brick structures

Standards

Tecfast Level Floor Primer has been tested in accordance with appropriate parts of the following standard:

B.S.6319

Specification Outline

Tecfast Level Floor Primer as manufactured by Tecroc Products Ltd should be used as the bonding medium for the application of new or refurbished floor screeds, bonding new concrete to existing concrete structures and the application of cementitious repair mortars. The product must be stored, handled and placed strictly in accordance with the manufacturer's instructions.

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.

Typical Tecfast Level Floor Primer Properties @ 20°C

Resin type:	Acrylic co-polymer
Density:	1.1 kg per litre
Resin concentration neat:	50% dispersion
Bond strength by slant shear method:	31 N/mm ₂ depending upon surface and surface preparation

Instructions For Use

Preparation of Substrate

All contact surfaces must be sound, clean and provide a good mechanical key. Remove all loose material, plaster, paint and oily deposits. Roughen smooth concrete by scabbling or other mechanical means. Corroded reinforcing steel should be fully exposed and cleaned back to bright metal.

Substrates should be dry or rag-dry damp before application of the Tecfast Level Floor Primer bonding primer.

Sealing the Substrate

Seal the prepared surface with a single coat of Tecfast Level Floor Primer diluted 1 part primer to 5 parts clean water at 0.65 litres per m². Allow to dry for not more than 36 hours. Protect the seal coat from air born detritus and liquid water. Very porous substrates may require a further coat of sealer. Adequate sealing is indicated by a sheen on the surface once the sealer coat is dry.

Application of the Bonding Primer

Prime the sealed surface with a single coat of Tecfast Level Floor Primer diluted 1 part primer to 3 parts clean water at 0.75 litres per m². Brush the priming coat evenly into the surface and allow to become tacky. Apply the cementitious topping once the priming coat has become tacky. If the priming coat becomes too dry re-apply before topping.

Curing of the Cementitious Topping

Applied concrete and topping mixes should be cured in accordance with good concrete practice.



Grouts



Structural Support Mortars



Concrete Repair Products



Construction Adhesives



Resin Et Cementitious Anchors



Highway Products



Coatings



Waterproofing



Ground Engineering

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Storage And Shelf Life

Tecfast Level Floor Primer will have a shelf life of 12 months when kept in dry conditions at a temperature of 5°C to 35°C. Storage at higher temperatures may reduce the shelf life. Tecfast Level Floor Primer must be protected from frost.

Stir well before use.

Packaging And Ordering

Tecfast Level Floor Primer is supplied in:
 25 litre polybottles Product Code TF15
 5 litre polybottles Product Code TF14

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

Precautions

Health and Safety

Tecfast Level Floor Primer should not come into contact with skin, eyes or be swallowed. Protective glasses should be worn during mixing and application. Should Tecfast Level Floor Primer come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting.

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

Fire

Tecfast Level Floor Primer is non-flammable.

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.

Coverage

Dilution and Application rates

ACTION	DILUTION Primer : Water	Equivalents per m ²		Application rate (m ² /litre)	Coverage per Pack	
		Primer	Water		25 litres	5 litres
SEALER	1:5	0.11	0.54	0.65	97.5	19.5
PRIMER	1:3	0.19	0.56	0.75	75.0	15.0

Volume of undiluted Tecfast Level Floor Primer required to treat a specified area

AREA (m ²)	5	10	16	25	50	84	100
SEALER (litres)	0.55	1.1	1.75	2.75	5.5	9.24	11
PRIMER (litres)	0.94	1.88	3.00	4.69	9.38	15.75	18.75
TOTAL (litres)	1.5	3.0	5.0	7.4	14.9	25.0	29.8

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