



4000 ACRYLIC LATEX PRIMER

BASIC USES

For the preparation of fully cured concrete, exterior grade plywood, cementitious backer units, or other approved tile substrates prior to the application of Flextile Flexilastic 1000 and 2000SC Crack Isolation and Sound Control Membrane Systems.

COMPOSITION AND MATERIALS

A water-based acrylic latex primer.

LIMITATIONS

Not recommended for exterior applications. For use specifically with Flextile Flexilastic Membrane systems. Do not freeze. Do not apply to surfaces with temperatures below 10°C (50°F) or above 45°C (120°F).

FEATURES

- Excellent adhesion to fully cured concrete and exterior grade plywood surfaces.
- Easy to apply.
- Provides a strong bond for Flextile Flexilastic peel & stick membrane systems.
- Zero VOC.

LEED Points Contribution

MR Credit 5, Regional Materials*

IEQ Credit 4.1, Low-Emitting

Materials – Adhesives & Sealants

*May be eligible

LEED Points

Up to 2 points

1 point

TECHNICAL DATA

Typical Physical Properties

Appearance	Low viscosity, white liquid
Tack Free Time	20 – 45 minutes
Shelf Life	1 year (minimum)
Application Temperature Range	10°C (50°F) to 45°C (120°F)

Approximate coverage per 3.8 L (1 US Gallon) unit

Approx. 33.5 m² (360 ft²) to 46.5 m² (500 ft²), depending on porosity of surface.

• Coverages given are for estimating purposes only. Actual coverages may vary depending on job site conditions and installation techniques used.

PREPARATORY WORK

All surfaces must be clean, even, dry and free of grease, oil, loose paint, curing compounds or sealers, protuberances that may puncture membrane, or other foreign matter. Existing concrete surfaces which have been shot blasted, ground or sanded to remove contaminants must be thoroughly cleaned of dust, loose concrete, etc. prior to applying primer and membrane. Surfaces should be maintained at a temperature between 10°C (45°F) and 32°C (90°F) when applying membrane. New concrete surfaces must be fully cured, dry, finished to a wood float or light broom finish, and be true to within 6 mm (1/4") in 3 m (10').

Apply a latex modified scratch coat consisting of Flextile 57 Scratch Coat Mortar mixed with Flextile 43 or 44 Latex Additive to existing concrete surfaces where abrasion cannot produce a porous enough surface, to uneven surfaces, and to all smooth-troweled concrete surfaces prior to applying 4000 Acrylic Latex Primer.

Ensure that skim coat is sufficiently cured prior to applying Primer.

Interior plywood surfaces should be designed for maximum deflection of 1/360 of span.

This normally requires a 16 mm (5/8") layer of exterior grade plywood over 25 mm (1") boards or 16 mm (5/8") plywood when on joists 40 cm (16") O/C. Plywood sheets should be fastened with screw type nails and glued where possible. Leave a 3 mm (1/8") gap between top sheets of plywood and next to all vertical surfaces to allow for expansion.

Refer to current editions of TTMAC 09 30 00 Tile Installation Manual, or TCNA Handbook For Ceramic Tile Installation for information regarding placement of expansion or control joints, or for further substrate acceptability information.

APPLICATION

Interior Priming – DO NOT DILUTE PRIMER. Use Flextile 4000 Primer at FULL STRENGTH for all applications. Mix primer in container just prior to applying. Roll or brush primer onto surface at an approximate rate of 9 m²/L (360 ft²/usg). On vertical surfaces or on porous surfaces, apply two coats. Allow primer to fully dry prior to installing Flexilastic membranes Prime only as much area as can be covered with membrane in half a day's work. Re-prime areas not covered in half a day's work with a light coat of 4000 Primer.

When fully cured, primer should be tacky to the touch, but will not come off the surface.

For priming Exterior surfaces, or excessively porous surfaces such as sand/cement mortar beds, etc, use Flextile 4001 Concentrated Acrylic Latex Primer.

For job specific installation systems, recommendations, project warranty information, or for assistance with installation specifications, please contact Flextile's technical department.

Toronto, ON – Email: mzerey@flextile.net

Toll Free 1-800-699-3623

Tel 1-416-255-1111

Fax 1-416-255-1729

Montreal, QC – Email: mzerey@flextile.net

Toll Free 1-800-699-3623

Tel 1-514-345-8666

Fax 1-514-345-8825

Burnaby, BC – Email: mboldt@flextile.net

Toll Free 1-888-236-4486

Tel 1-604-420-4914

Fax 1-604-420-0936

www.flextile.net

SAFETY

Refer to Flextile Material Safety Data Sheet for detailed health and safety information.

AVAILABILITY AND COST

Flexilastic 4000 Primer is available from Flextile Limited and listed distributors in 3.8 L (1 USG) and 18.9 L (5 USG) containers. Cost data is available upon request from Flextile distributors (refer to distributor list @ www.flextile.net).

WARRANTY

Flextile warrants that this product is of merchantable quality and is suitable for the purpose for which it is intended. Flextile's liability under this warranty shall be limited to replacement of its product found to be defective or, at its option, a refund of the purchase price. For extended project warranties for installations using Flextile 4000 Primer, contact Flextile Limited.

MAINTENANCE

No Maintenance is required except where damages result from unforeseen circumstances. Repair procedures shall be directed by Flextile or its distributors.

TECHNICAL SERVICES

Flextile maintains a well-equipped laboratory able to test its products in conjunction with the products with which they are used. Technical assistance for use of Flextile products is available upon request.

RELATED REFERENCES

Current editions of: Ceramic Installation Manual (09 30 00) from the TTMAC, and TCNA Ceramic Tile Installation Manual.

September 5, 2012

