

4001

CONCENTRATED - ACRYLIC LATEX PRIMER

■ BASIC USES

For the preparation of fully cured concrete, exterior grade plywood, cementitious backer units, and for other approved tile substrate surfaces where a superior high tack concentrated primer is required prior to the application of Flextile Flexilastic 1000 and 2000SC Crack Isolation and Sound Control Membrane Systems.

■ COMPOSITION AND MATERIALS

A high latex concentrate water-based acrylic latex primer.

■ LIMITATIONS

For use specifically with Flextile Flexilastic Membrane systems. Not recommended as a primer for Portland cement self leveling products or other leveling or patching products. 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.
- For use on Exterior applications.
- For use on Vertical applications.
- For use on porous concrete or mortar bed surfaces.
- For use on existing floor covering surfaces or otherwise difficult to bond to substrates such as clean steel surfaces, epoxy flooring, etc.
- Easy to apply.
- Provides a strong bond for Flextile Flexilastic peel & stick membrane systems.
- VOC compliant.

■ 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 18.9L (5 US Gallon) unit

Approx. 167 m² (1800 ft²) to 232 m² (2500 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.

■ LIMITATIONS

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 be flat and level, without excessive depressions or protuberances. Apply a latex modified scratch coat consisting of Flextile 57 Scratch Coat Mortar mixed with Flextile 43 or 44 Latex Mortar Additive to level out uneven surfaces prior to applying 4001 Concentrated Acrylic Latex Primer. Ensure that skim coat is sufficiently cured prior to applying Primer.

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'). All concrete surfaces should be maintained at a temperature between 10°C (45°F) and 32°C (90°F) when applying membrane. Ensure that skim coat is sufficiently cured prior to applying Primer.

Interior plywood surfaces should be designed for maximum deflection of L/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.



■ APPLICATION

DO NOT DILUTE PRIMER when applying to Vertical, Exterior, or other difficult to bond to surfaces such as porous concrete or mortar bed surfaces, existing surfaces of tile or stone, etc. Use Flextile 4001 Concentrated Primer at FULL STRENGTH for these 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). 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 4001 Concentrate Primer. When fully cured, primer should be tacky to the touch, but will not come off the surface.

■ SAFETY

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

■ AVAILABILITY

Flexilastic 4001 Concentrated Primer is available from Flextile Limited and listed distributors in 18.9 L (5 USG) container.

■ 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 4001 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.



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