

1. PRODUCT NAME

TechPro™ Level-Flo® Primer

2. MANUFACTURER

TechPro™ is a registered trademark of TCC Materials
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3. PRODUCT DESCRIPTION

TechPro Level-Flo Primer is a high quality, liquid-polymer latex for interior use with TechPro Level-Flo Underlayments for self-leveling floors. Applied to porous surfaces, this substrate primer reduces water absorption to ensure a flowable mix and promotes bonding. Required to be applied to all substrates before placing TechPro Level-Flo Underlayment products.

Features and Benefits

- Interior use only
- Concentrated, dilute at job site
- Enhances self-leveling flow and adhesion
- Easy roll-on or brush-on application

When/Where to Use

- For use over porous concrete substrates, including cementitious backer units (CBU or cement board)
- For use over APA rated exterior grade/exposure 1 plywood or OSB underlayment grade equivalent

4. TECHNICAL DATA

Typical Values • TechPro Level-Flo Primer	
Color Wet / Dry	White / Clear
Density	8.9 lb./gal. (1.07 kg/L)
Drying Time	2 - 4 hours at 70°F (21°C)
Flash Point	None
Flammability	Non-flammable
VOC	< 10 G/L
Additional Information	Water-based

Available Size

- 1 gal. (3.78 L) bottle (BOM #120)
- 5 gal. (18.93 L) pail (BOM #120)

Coverage

Level-Flo Primer Approximate Coverage per Gallon		
Substrate	Primer to Water Ratio	Coverage Sq. Ft. per Gallon
Porous concrete * (two coats may be required for highly porous substrates)	Level-Flo Primer 1:1	330 Sq. Ft. / Gal (8 m ² / L)
Plywood	Level-Flo Primer 3:1	250 Sq. Ft. / Gal (6 m ² / L)

5. INSTALLATION

Preparation

Read all directions before starting work.

- For best results, primer should be stored at temperatures of 40°F-75°F (4°C-24°C) 24 hours prior to installation. Substrate and ambient room temperatures should be between 50°F- 90°F (10°C-32°C) and remain within this range for at least 48 hours after the installation of Level-Flo Primer and finished material. Follow ACI hot weather guidelines for temperatures exceeding 85°F (30°C) to ensure proper installation.
- Surface must be porous, clean, dry, hard, and free from dirt, loose particles, wax, sealers, curing compounds, grease, efflorescence, paint, and any foreign materials that will inhibit adhesion. Proper surface preparation is crucial to achieving a successful application.
- Smooth troweled or dense concrete surfaces must be etched or roughened to ensure proper bond adhesion.
- Consult the floor-covering or coating manufacturer's recommendations for the maximum allowable moisture vapor emission rate (MVER) and retained moisture content in the surface.
- Reference TechPro Level-Flo self-leveling cement floor underlayments TDS for more detailed information for the substrate requirements and preparation instructions.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

Mixing

Level-Flo Primer is diluted with clean, potable water using the chart in the above coverage section.

- Always use clean tools and mixing containers.
- Gently stir Level-Flo Primer before use.

Application

Apply only to surfaces that are frost free and between 50°F-90°F (10°C-32°C) for 24 hours prior and 48 hours after application.

1. Level-Flo Primer must be applied in a thin even layer over the entire substrate using a soft-bristle brush or paint-roller leaving no bare spots, puddles, or excess primer. Primer must penetrate the substrate and should not be allowed to form a thick or heavy dried film on the surface. Do not allow puddles to develop.
2. For standard concrete use: Level-Flo Primer to water dilution rate of 1:1.
3. For highly porous concrete, 2 coats of Level-Flo Primer may be necessary*.
 - » First Coat: Use a primer to water dilution rate of 1:1.
 - » Second Coat: Use a primer to water dilution rate of 1:3.
4. Allow the primer to dry to a tacky translucent film with no milky wet spots, typically 1-3 hours depending upon room temperatures and air flow. If the primer turns clear within 30 minutes of application the substrate is highly porous and requires a second coat. This typically takes 1-2 hours at 75°F (22.5°C) and 50% relative humidity. Lower temperatures and high humidity will extend dry time and high temperatures and low humidity will shorten the dry time.
5. Level-Flo Primer must be completely dry before installing TechPro Level-Flo Underlayment or other finishing topping.
6. Primer must be reapplied if not covered within 24 hours or if it becomes contaminated by other trades. Protect primed substrate from foot traffic.
7. When used with radiant heat systems, if possible, primer should be applied to the substrate before the heat system is

installed, and /or after installation and testing. A low-pressure (20-30 lbs.) sprayer works well to uniformly apply the primer over heat cables or tubes. Heat system should be turned off prior to application of primer and Level-Flo underlayments or wear-toppings, and remain off for a minimum of 14 days after final flooring is installed.

Clean Up

Use soapy water to clean hands and tools immediately after use. Dried material must be mechanically removed.

Limitations

- Do not allow to freeze. Store dry at 40°F-95°F (4°C-35°C).
- Do not use below 40°F (4°C).
- Level-Flo Primer must be used prior to installation of TechPro Level-Flo Underlayments.
- Do not use undiluted primer or apply excessive coats of primer.
- Not for use on non-porous substrates, existing ceramic tile, terrazzo, and tight concrete. Refer to Level-Flo Primer Plus for these applications
- Do not install over water soluble adhesive residue, pressure sensitive adhesive residue, paints, sealers, curing compounds, old flooring, and other foreign material.
- Do not install over dimensionally unstable substrates such as gypsum, gypsum based patching compounds, particle board, luan, asbestos, or chip board.
- Do not apply over standing water.
- Not recommended for areas of continuous water exposure such as showers or steam rooms.
- Do not use for exterior applications.
- Use only clean mixing containers and tools.

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: techmixpro.com/techpro

Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TechPro brand product(s) under normal environmental and working conditions. Because each project is different, TCC Materials cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

6. AVAILABILITY

To locate TechPro products in your area, please contact:

Phone: 1.651.688.9116
Website: techmixpro.com/techpro

7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

Shelf Life	Best when used within one year in original, unopened container
Storage Conditions	Store dry, 40-95°F (4°-35°C), out of direct sunlight,
Color	White, dries to Clear

KEEP PRODUCT IN CONTAINER FROM FREEZING

WARNING: INJURIOUS TO EYES

KEEP OUT OF REACH OF CHILDREN



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