

NovaLink® FP

Flash & Patch Elastomeric Waterproofing Mastic



TopShield® NovaLink® FP is a high-performance, moisture-curing elastomeric mastic designed for flashing, patching, and waterproofing applications. It is engineered to fill, seal, and level seams, voids, and surface irregularities prior to or as part of a waterproofing system.

Its 100% solids, non-shrinking formulation bonds to damp surfaces without outgassing, making it ideal for critical repairs and challenging conditions. **NovaLink® FP** delivers a durable, waterproof seal for roof repairs, flashing details, and emergency patching applications.

EMERGENCY REPAIR: Remove all standing water and clean substrate. Temperatures should be above 35°F (2°C) and rising. Cut nozzle and puncture inner seal to apply sufficient material for the repair. Firmly trowel material extending the patch a minimum of 4" past the repair area. This application should be considered a temporary repair until weather conditions allow for a more permanent repair can be made.

Item Code:	Size:	Description:	Quantity:	Pallet Qty
TOPF1110BLTS	10.1 OZ	TOPSHIELD PRO NOVALINK FP BLACK	24 - Case	1,080 - Tubes

FEATURES

- Solvent-free, 100% solids will not shrink
- 60-minute skin over
- No outgassing on damp surfaces
- Bonds to damp concrete
- Made in the USA - ISO 9001:2015 certified

BASIC USES

- ▶ Above grade waterproofing
- ▶ Below grade waterproofing
- ▶ Roof Repairs
- ▶ Sealing parapets
- ▶ Lining gutters and valleys
- ▶ Planter boxes
- ▶ Lining HVAC condensation pans

REGULATORY COMPLIANCE

- ▶ Conforms to OTC Rule for Sealants
- ▶ Meets requirements of California Regs: CARB, BAAQMD and SCAQMD
- ▶ This product does not contain cancer causing chemicals listed in California Proposition 65
- ▶ Conforms to USDA Requirements for Non-food Contact

GREEN STANDARDS

- VOC Content: less than 25 grams / liter ASTM D2369 EPA Method 24 (tested at 240°F / 115°C)
- EQc2: BPDO – Low emitting Materials: TopShield®PRO adhesives and sealants are low-VOC products when exterior applied.



COMPATIBLE SUBSTRATES

- ▶ Concrete
- ▶ Block & Brick
- ▶ Stone
- ▶ Masonry
- ▶ Plywood and OSB
- ▶ EPS
- ▶ Steel
- ▶ Aluminum
- ▶ Galvanized Metal
- ▶ Isoboard
- ▶ Untreated Wood
- ▶ FRP

**Test and evaluate to ensure adequate adhesion.*

APPLICABLE PERFORMANCE STANDARDS

- ▶ ASTM C920, Type S, Grade NS, Class 35, Uses NT, T2, M, G, A & O
- ▶ Federal Specification TT-S-00230-C Type II, Class B
- ▶ Corps of Engineers CRD-C-541, Type II, Class B
- ▶ Canadian Standards Board CAN 19, 13-M82
- ▶ SWR Institute Validated (Sealant Waterproofing and Restoration)

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APPLICATION GUIDELINES

CONCRETE APPLICATION

Prior to application remove any residual contamination by mechanical abrasion, sand blasting or power washing. On green concrete, remove all release agents, friable and loose concrete. Dry all visible and standing water prior to applying TopShield®PRO NovaLink FP.

METAL APPLICATION

Prepare all metal to ensure maximum adhesion. Remove all rust, scale and residue by wire brushing to a bright metal sheen. Remove films, loose or inappropriate coatings and oils with an appropriate solvent such as alcohol.*

**TopShield®PRO recommends that substrates be tested for adhesion prior to starting a project. Please contact Technical Services for specific application guidelines and recommendations.*

WOOD APPLICATION

Wood should be clean, sound and dry prior to sealant application. Allow treated wood to weather for six months prior to application. Remove all coatings and paint (or test for compatibility) to ensure proper bonding. Do not use on fire retardant lumber.

PRIMING

In most instances TopShield®PRO NovaLink FP will not require a primer. However, certain applications or substrates may require a primer to ensure a long lasting bond and weatherproof seal. It is the applicator's responsibility to determine the need for a primer. TopShield®PRO recommends a primer be used for any application where prolonged immersion is anticipated.

APPLICATION INSTRUCTIONS

Do not use at temperatures below 35°F (2°C.) Maintain TopShield®PRO NovaLink FP materials above room temperature before applying.

Remove all dirt, oil, loose paint, water, frost and other contamination that can interfere with bonding. Form release residue and lime should be power washed and allowed to dry.

TopShield®PRO NovaLink FP may be applied to green concrete without out-gassing. Although concrete cure times may vary with temperature, for optimum bonding, concrete cure time should be three to seven days. Application surfaces must be dry the touch and free of obvious moisture.

RATE OF SPREAD PER GALLON

1 mil	1620 ft.2 / gallon
30 mils	54 ft.2 / gallon
60 mils	27 ft.2 / gallon
120 mils	13 ft.2 / gallon
180 mils	9 ft.2 / gallon

CLEAN-UP

Wet sealant can be removed using a solvent such as alcohol. Cured TopShield® PRO Novalink FP can be removed by abrading or scraping the substrate.

STORAGE & HANDLING

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. TopShield® PRO Novalink FP will not freeze. Pails have a shelf-life of six months.

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SHELF-LIFE

Cartridges have a twelve months from date of manufacture when stored at 70°F / 21°C with 50% relative humidity. High temperature and high relative humidity may significantly reduce shelf life. Pails have a shelf life of six months.

CAUTION

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes immediately flush with water. Call a physician. Please refer to the SDS for First Aid information. See TopShieldProducts.com for most current SDS. KEEP OUT OF REACH OF CHILDREN

TECHNICAL INFORMATION & TESTING:

TYPICAL PHYSICAL PROPERTIES / DATA TESTING		
PROPERTY	VALUE	TEST METHOD
Rheological Property	Type II—Single-component non-sag	ASTM C639
Density	12.9 lbs per gallon	ASTM D1475
Tack FreeTime	60 min ± 15	—
Elongation at Break	350%	ASTM D412
Hardness Shore A	30	ASTM C661
Tensile Strength	125 psi	ASTM D412
Shear Strength	140 psi	ASTM D1002
Low Temperature Flex	Pass -15°F (-26°C) 1/4 in mandrel	ASTM D522
Shrinkage	No Visible Shrinkage After 14 Days	
Service Temperature	-40°F to 200°F (-40°C to 93°C)	

LIMITATIONS

- ▶ In areas where prolonged chemical exposure is anticipated, contact Technical Services for recommendations.
- ▶ Allow treated wood to cure for six months prior to application per APA guidelines.
- ▶ Staining may occur on limestone and porous substrates. Test and evaluate before application.
- ▶ Do not store in elevated temperatures.
- ▶ Remove all coatings and sealers before application.
- ▶ Please contact customer service for application guidelines with temperatures below 35°F (2°C).
- ▶ Do not use on surfaces to be painted.
- ▶ Do not use in tub and tile applications.

All properties described in this document are derived from testing conducted in laboratory conditions. Properties and performance will vary depending on environmental conditions and application technique. Test and evaluate to determine appropriate usage. Visit www.TopShieldProducts.com for the Safety Data Sheet, Technical Data Guides, Cold Weather Application Guidelines and full warranty for this product.

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