



# FLEXI-FLASHING™

Prefabricated Flexible, Waterproof Flashing – Replacing Metal Flashings in Both Exposed & Unexposed Areas

## 1.01 DESCRIPTION

Flexi-Flashing™ is a 15 mils (381 microns) thick, self-adhesive, laminated, spun bonded, polyester-substrate reinforced with hybrid-polyester fibers. These fibers have been specifically created to provide high-modulus of strength on initial impact. The adhesive is a highly-aggressive acrylic system that delivers high-tack and high-shear strength.

This product has an excellent adhesion to primed concrete, metal, wood, and other common building materials. Flexi-Flashing™ delivers excellent holding power in cold temperatures and condensation climates. Flexi-Flashing™ has an extremely wide application gradient and a built-in ultra-violet stabilizer system. Flexi-Flashing™ is excellent for replacing exposed metal flashings and creating an isolation between two otherwise incompatible substrates, sheet membranes, and other coatings.

Please use the correct product grade that complies with VOC regulations as per federal, state, county and city regulations/codes at the place of installation of product.

## 1.02 FEATURES

- Acceptable with PSI Waterproofing & Deck Coating Applications
- Adhesion to Most Common Construction Metals
- Coating-Ready
- Compatible with Most Coatings
- Fast-Tack Set
- Field or Shop Applied to Substrates
- Hiding Control Joints & Cracks
- Isolation Between 2 Incompatible Products
- Labor Saving
- Single-Ply Roofing Laps
- User-Friendly
- Waterproof

## 1.03 TYPICAL USES

- Balcony & Breezeway Flashing
- Balcony & Breezeway Waterproofing
- Basements
- Foundation Walls
- Green Roof Waterproofing
- Metal Roofs
- Roof Repair
- Roofing Joints

## 1.04 COLORS

White, or Pre-coated Gray, Tan, Light Gray and Dark Gray  
Black for Terra-Shield WC-100 only

## 1.05 PACKAGING

Widths: 12" (30.5 cm), 18" (46 cm), 24" (61 cm) and 48" (99 cm) rolls  
Lengths: 250 ft (76.2 meters)

## TECHNICAL DATA

Base Material	Spun-Bonded Polyolefin
Fibers	Polyester Hybrid
Thickness	15 Mils (381 microns)
Tensile	1,000 lbs per inch
Elasticity w/o Membrane	6%
Memory	98%
Temperature Resistance	Min. -40°F (-40°C) Max 249°F (121°C)
Minimum Application Temperature	-9.4°F (-23°C)
Release Liner	90 GSM PR Liner @ 20 min Dwell
Adhesion to Galvanized Steel	28.5 lbs p/Lft @70°F (21°C)
Adhesion to Copper	24.75 lbs p/Lft @70°F (21°C)
Adhesion to Stainless Steel	32.25 lbs p/Lft @70°F (21°C)
Adhesion to Aluminum	38.66 lbs p/Lft @70°F (21°C)

## 1.06 JOINTS, CRACKS & FLASHING

Apply Flexi-Flashing™ over all joints and cracks. Bridge the joints and cracks with minimum 4-6" (10.16-15.24 cm) Flexi-Flashing. Apply Flexi-Flashing over primed smooth concrete surfaces and sealed joints and cracks to completely hide joints, cracks and flashing.

## APPLICATION

### 2.01 APPLICATION BASICS

Wipe substrate with acetone or xylene and allow to dry. Surfaces must be dry, smooth, clean and free of foreign matter. Apply by using firm

hand pressure with a 4" (10.54 cm) putty knife against the flashing and the substrate to fully adhere to substrate.

Concrete should be primed smooth and dry before applying Flexi-Flashing™. Firmly press Flexi-Flashing™ into the substrate with a 4" (10.54 cm) steel or stiff plastic putty knife. Do not use rollers to apply.

Overlap joints by 4" (10.54 cm). All joints and cracks must be sealed with P-Tuff® Sealant E-101 or E-102 Sealant. Do not smear sealant out over the sides of the joint. Allow to set a minimum of 20-60 minutes before conducting adhesion tests.

After adhesion is verified apply as needed to suitable substrates. Flexi-Flashing™ may be purchased pre-coated, or field-applied coated in a waterproofing application with a suitable elastomeric coating.

P-Tuff® Sealant R12 Adhesive & Membrane – may be used as a waterproofing membrane and adhesive for the Flexi-Flashing™.

## **2.02 ISOLATION BETWEEN TWO INCOMPATIBLE SUBSTRATES**

Clean area of application and remove any incompatible residue. Apply as instructed assuring that the top leading edge is fully bonded to the substrate first and then the body of the flashing. Apply second coat over the surface assuring that the membrane is fully bonded to the substrate with a 4" (10.54 cm) putty knife and pressed into place.

## **2.03 CLEAN-UP**

Check local, state and federal laws before disposing of material. Equipment should be cleaned immediately after use with an environmentally-safe solvent, as permitted under local regulations.

## **2.04 SHELF LIFE AND STORAGE**

Flexi-Flashing™ has a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

## **2.05 LIMITATIONS**

Flexi-Flashing™ (Black) is not U.V. rated and is intended for use in exposed areas with a minimum of 60 mils (1524 microns) of waterproof

coating. All other colors may be exposed to UV light. Flexi-Flashing™ is intended to be adhered to sound and solid surfaces. Primer may be required.

Please read all information in the General & Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. PSI Products are for "Professional Use Only" and preferably applied by professionals who have prior experience with PSI Products or have undergone training in application of PSI Products. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data, instructions, and project specific recommendations.

### **LIMITED WARRANTY**

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical and chemical properties. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

### **DISCLAIMER**

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PSI makes no claim that these tests or any other tests, accurately represent all environments.