



# CI-95™ TAPE

A Pressure Sensitive Tape for Covering Joints Specifically Created to Provide High Modulus of Strength on Initial Impact

## 1.01 DESCRIPTION

CI-95™ Tape is a pressure sensitive tape for covering joints in metal flashings, plywood and in other concrete surfaces. It is a 5 mil (127 microns) thick laminated, spun bonded, polyester based, 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. The adhesive has excellent cold temperature and condensation resistance with an extremely wide application gradient and a built-in ultra-violet stabilizer system. CI-95™ Tape is excellent at creating an isolation interface between two incompatible substrates.

## 1.02 FEATURES

- Adhesion to Most Common Construction Metals
- Compatible with Most Coatings
- Fast-Tack-Set
- Field or Shop Applied to Substrates
- Isolation Tape Between Two Incompatible Products
- Labor Saving
- Ultra-Violet Stable
- User Friendly

## 1.03 TYPICAL USES

- Balcony Flashing Tape
- Roof Repair
- Waterproofing
- Metal Roofs
- Basements
- Coating Ready
- Roofing Joints
- Foundation Walls
- Single Ply Roofing Laps
- Green-Roof Waterproofing
- Balcony & Breezeway Waterproofing

## 1.04 COLOR

White

## 1.05 PACKAGING

Widths: 4" (10 cm), 9" (23 cm), 12" (30 cm),  
18" (46 cm), 24" (63.5 cm) and 48" (122 cm) rolls  
Length: 250 feet (76 m)

## 1.06 JOINTS, CRACKS, AND FLASHING

Apply CI-95™ Tape over all joints and cracks. Bridge the joints and cracks with a minimum of 4" (10 cm) overlap.

| TECHNICAL DATA                  |  |
|---------------------------------|--|
| Base Material                   | Spun-Bonded polyolefin                         |
| Fibers                          | Polyester hybrid                               |
| Thickness                       | 5 Mils (127 microns)                           |
| Tensile                         | 1,000 lbs per inch                             |
| Elasticity                      | 6%   |
| Memory                          | 98%  |
| Temperature resistance          | Min. -40°F (-40°C) /<br>Max. 484°F (121 °C)    |
| Minimum application temperature | 14°F (-23 °C)                                  |
| Release Liner:                  | 90 GSM PE liner                                |
| Adhesion to Galvanized Steel    | 28.5 lbs p/Lft @ 70°F (21 °C)<br>20 min Dwell  |
| Adhesion to Copper              | 24.75 lbs p/Lft @ 70°F (21 °C)<br>20 min Dwell |
| Adhesion to Stainless Steel     | 32.25 lbs p/Lft @ 70°F (21 °C)<br>20 min Dwell |
| Adhesion to Aluminum            | 38.66 lbs p/Lft @ 70°F (21 °C)<br>20 min Dwell |

Apply CI-95™ Tape over primed smooth concrete surfaces and sealed joints and cracks to completely hide joints, cracks and flashing.

Metal flashings should be sealed with CI-95™ prior to the coating application where primer is not used on the flashing. Force tape into place with a metal or heavy plastic putty knife after it has been aligned. Do not use a roller. Consult the Super-Seal™ Tape and CI-95™ Technical Data Sheet.

## **APPLICATION**

### **2.01 APPLICATION BASICS**

Solvent wipe the substrate with acetone or xylene and allow to dry. Surfaces must be dry, smooth, clean, and free of foreign matter.

Apply tape by using firm hand pressure downward to fully adhere tape to substrate. Do not leave fish-mouths in tape. Firmly press tape into the substrate. Do not use rollers to apply tape. Butt up tape joints. DO NOT OVERLAP at tape joints.

Prior to application, all taped joints and cracks must be sealed with P-Tuff® Sealant E-101 or Sealant E-102. DO NOT smear sealant out over the sides of the joint.

Allow tape to set a minimum of 20 minutes before conducting adhesion tests.

After adhesion is verified, apply as needed to suitable substrates. CI-95™ Tape must be coated in a waterproofing application with a suitable elastomeric coating.

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

Clean area where tape is to be adhered and remove any incompatible residue.

Apply CI-95™ Tape as instructed, assuring that the top leading edge is fully bonded to the substrate first and then the body of the tape.

Apply second coating or aliphatic membrane over the surface, assuring that the membrane is fully bonded to the tape.

### **2.03 SHELF LIFE AND STORAGE**

CI-95™ Tape has a shelf life of 6 months from date of manufacture in original, factory sealed containers.

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**

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