



FREEDOMTUFF® PRODUCT INFORMATION BULLETIN

FREEDOMTUFF® 1095-CI 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. FT-1095 CI Tape is excellent at creating an isolation interface between two incompatible substrates.

ADVANTAGES

- + Adhesion to most common construction metals
- + Compatible with most coatings
- + Fast-tack-set
- + Field or ship applied to substrates
- + Isolation tape between two incompatible products
- + Labor savings
- + UV STABLE
- + User friendly

USES

- + Balcony flashing tape
- + Roff repair
- + Waterproofing
- + Metal roofs
- + Planters/Tunnels/Underground Vaults
- + Green-roof waterproofing

PROFESSIONAL USE ONLY

COLOR

White

JOINTS, CRACKS, AND FLASHING

Apply FT-1095 CI Tape over all joints and cracks. Bridge the joints and cracks with minimum of 4" (10 cm) overlap. Apply FT-1095 CI Tape over primed smooth concrete surfaces and sealed joints and cracks to

completely hide joints, cracks and flashing. Metal flashings should be sealed with FT-1095 CI 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 FT-1-95 CI Technical Data Sheet.

APPLICATION

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 sealant approved by Freedom Chemical Corporation. **DO NOT** smear sealant out over the sides of the joint. FT-1095 CITape must be coated in a waterproofing application with a suitable elastomeric coating.

ISOLATION TAPE BETWEEN 2 INCOMPATIBLE SUBSTRATES Clean area where tape is to be adhered and remove any incompatible residue. Apply FT-1095 CI 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.

FREEDOMTUFF® 1095 CI TAPE TYPICAL PROPERTIES

BASE MATERIAL		SPUN-BONDED POLYOLEFIN
FIBERS		POLYESTER HYBRID
THICKNESS		5 MILS (127 MICRONS)
TENSILE STRENGTH	ASTM D-412	1000 PCF
ELONGATION	ASTM D-412	6%
MEMORY		98%
TEMPERATUE RESISTANCE		MIN. -40 F / MAX 484 F
MINIMUM APPLICATION TEMP		14 F
ADHESION TO COPPER		24.75 PLI W/ 20 MIN DWELL
ADHESSION TO GALVANIZED STEEL		28.5 PLI W/ 20 MIN DWELL
ADHESSION TO STAINLESS STELL		32.25 PLI W/ 20 MIN DWELL
ADHESSION TO ALUMINIUM		38.66 PLI W/ 20 MIN DWELL

Incredible Stuff, Exceptional Service, and Friendly People™

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