

Application Guidelines for **TWI-500™ Self-Leveling (S/L)** and **Non-Sag (N/S)** Expansion Joint Compound to Drip Pad Situations.

SURFACE PREPARATION

1.) The horizontal and vertical concrete expansion joints to be sealed must be completely clean of all contaminants prior to application: including old expansion joint compound, peeling or oxidized paint, oil, grease, dust, powder, water, rust, etc. Blade scraping and/or shot-blasting may be required to remove old, adhered joint compound. Follow all joint work with a solvent wipe-down to remove powders, oils, etc. New concrete should cure a minimum of 28-days. All **KrystalSeal™** application should be completed and cured prior to **TWI-500™** application. A thin, fine-bristle brush can be used to apply **KrystalSeal™** to inner joint surfaces, at time of drip pad surface sealing.

QUALIFIED, PROFESSIONAL APPLICATION RECOMMENDED

Equipment & materials required:

- ▶ Sharp paint scrapers, etc., for surface cleaning;
- ▶ “Backer rod” appropriate for your expansion joint width;
- ▶ A home-made jig to set backer rod to proper depth before **TWI-500™** application;
- ▶ Acetone, M.E.K., or Toluene as surface wipe-down and cleaning solvent.

JIG DESIGN

- 1.) Jig frame can be a piece of plywood, approximately 4" wide x 8" long x ½" thick, with long length of rope attached to top surface for pulling atop joint. Formica surface (old table-top) works well.
- 2.) Cut ¼" dowel (half of width) to length of jig. Taper front end of dowel, like a sled runner. Attach to center-underside of frame.
- 3.) Have available a standard brick or similar, for weight on top of jig.

APPLICATION

Refer to the **TWI-500™ Data Sheet** prior to application.

- 1.) Stretch backer rod rope atop joint, and press flush into joint; or place backer rod foam onto joint and press flush into joint. Follow backer rod manufacturer's instructions. Leave no gaps at rod ends.
- 2.) Place weighted jig onto horizontal joint with dowel pressing onto backer rod. Slowly pull jig atop joint, pressing backer rod to pre-determined depth. Check for uniformity in depth of backer rod.
- 3.) Pour **TWI-500™ S/L** onto backer rod, level with concrete. **DO NOT** purposely mound **TWI-500™** higher than drip pad surface. Carefully trowel-remove excess **TWI-500™**, then clean area with solvent wipe-down.
- 4.) Trowel **TWI-500™ N/S** into vertical joints, then clean area with solvent wipe-down.
- 5.) Clean equipment with Acetone or similar solvent.

TWI-500™ S/L, and **TWI-500™ N/S** are registered trademark (pending) of:

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