

Application Procedure for ELASTI-THANE JOINT FILL

ELASTI-THANE JOINT FILL is a two component, aliphatic, polyurethane joint filler with excellent resistance to weathering and thermal cycling. This product is packaged in 1.75 gallon units, is available in Black or Light Gray and is available in a self-leveling (SL) version and a non-sag (NS) version. This product is made to order and typically requires 7-10 days lead time.

Prior to application of this sealant it is important to have the substrate in a condition to accept the primer and the joint filler. All primer and joint filler components should be pre-conditioned to the temperature of the jobsite.

Joint Preparation

- Mechanically remove any existing cork or fiberboard joint fillers. If unable to fully remove these fillers remove enough to allow for insertion of new foam filler to act as a seal and a bond breaker at the bottom of the joint.
- Grind or sandblast the joint edges to remove unsound concrete and contaminants.
- Thoroughly vacuum the joint to leave it clean and debris free.
- Pack the joint with a flexible, closed cell foam backing material leaving enough depth for proper joint filling which is just slightly below flush with the surrounding substrate. For joints up to ½" wide the ELASTI-THANE JOINT FILL should be filled to a depth equal to the width of the joint. For joints wider than ½", the depth of fill should be maintained at ½".
- Prime the side walls of joint with ELASTI-THANE PRIMER by brush and allow to dry for one full hour prior to proceeding. Even if the primer appears dry allow to cure for 1 hour prior to proceeding. Brush on just enough primer to wet out the substrate – heavy coats or puddle of primer will outgas and the bubbles must be removed prior to proceeding. If the joint filler is not applied within 6 hours of initial primer application you must re-apply the ELASTI-THANE PRIMER.

Mixing

- Pre-mix the Part A base component in the pail using a low speed drill (300 rpm) equipped with a large spiral mixing blade for approximately 1 minute.
- Vigorously shake and then completely pour in the contents of the Part B hardener can and continue to mix for 2 to 4 minutes occasionally scraping down the sides and bottom of the mixing vessel. Ensure that both components are completely mixed, but do not over mix or mix rapidly.

Application

- Draw up the mixed sealant into a bulk caulking gun, or pour into smaller containers to pour the joint filler into the joint. Caulk into the prepared joint to a level just below the substrate surface. If using the SL version allow to level out. If using the NS version, immediately tool the material to leave a smooth and even finish.

Note: ELASTI-THANE JOINT FILLER is a fast curing product. Mix only enough material that can be applied given the job site conditions (typically within 10-15 minutes). Temperature and humidity will greatly influence the working time of this product.