

## **MISCELLANEOUS PREPARATION INSTRUCTIONS**

### **APF Resinous Flooring Systems**

#### **FILLING INTERIOR HOLES, CRACKS AND JOINTS**

For interior thin film epoxy or polyurethane coatings, holes, cracks and control joints should be filled using Epoxy 300 Flex Fast Cure and a fumed silica thickening agent. This is done the day of initial surface preparation. Mix the epoxy according to the label instructions and add fumed silica until a paste-like consistency is obtained. The mixture must be used without delay - within 15 minutes of blending.

Put the paste in the cavity with a putty knife, leaving a slight mound over the top. The next day, sand flush to the surface using the hand grinder and 16 grit sandpaper. These cracks and control joints will have only a slight probability of re-cracking.

True interior expansion joints may be treated in several ways. They may be filled as described above, and the coating system applied. If sufficient slab movement occurs, re-cracking is likely to occur. If this situation is not acceptable, the joint may be sawcut after the application of the flooring system and filled with an elastomeric polyurethane caulk.

If the application is an interior vinyl chip or aggregate filled flooring system, holes, cracks and control joints are normally filled with Epoxy 300 Flex Paste after preparation using a flexible putty knife. This material must be allowed to cure firm before proceeding with the primer.

#### **FILLING EXTERIOR HOLES, CRACKS AND JOINTS**

Exterior holes may be treated in the same fashion as interior holes. Exterior cracks and control joints are usually not filled, or if filled, would have a high probability of re-cracking. Filling with Epoxy 400 and sawcutting after the application is also an option.

Exterior felt expansion joints may be left uncoated, or if coated for cosmetic reasons, should be primed well with Epoxy 300 Flex before application of the coating system. Hairline cracking will normally develop in these high movement exterior areas.

#### **CAULKING**

Latex caulk is used in all the residential systems to fill gaps between the felt expansion joint and the house, and between the joint and the slab. This is done after surface preparation and before the application of the primer.