



## P r o d u c t I n f o r m a t i o n

### Replacing Curled or Damaged Tile

Hydro-Seal PSA is a pressure sensitive adhesive that bonds by mechanical means. The tack of the glue when allowed to flash holds the tile in place. When the tile is rolled with a 100lbs articulated roller the tile substrate and the soft PSA come in intimate contact. Further cure develops a harder more permanent bond.

The tack in a PSA type glue comes from rosin esters with low melt points. The addition of heat will further softens these resins and loosen the mechanical bond developed. In order to replace worn, broken, curled VCT, quartz tile or rubber backed carpet the following procedure has been used successfully:

1. With a carpet iron apply heat to the carpet tile. For resilient tile apply heat with a heat gun. Caution should be taken to limit scorching of undamaged tiles in the vicinity. This heat will loosen the PSA bond and allow the removal of the tile.
2. When the tile has been removed, scrape by hand the old glue from the surface. Grinding is NOT recommended. Care should be taken not to introduce foreign material like dust, oils, cleaning compounds etc. Glue should only be removed by mechanical means.
3. Reapply PSA to the concrete surface and allow to flash. A 1/16 x 1/16 x 3/32 U-notch is recommended. Do not over apply adhesive or migration is possible from the tile joint. After complete flash, lay tile back into the exposed section of floor. Apply indirect heat to the surface of the tile by placing a towel or cloth on the surface to avoid scorching the tile. Roll the area with a 100lb articulated roller or apply weight. Avoid placement of furniture on the tile for at least 72hrs.



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