

Whenever it is necessary to replace an individual plank due to severe damage, the following method is suggested:

1. Tape off the flooring planks surrounding the damaged plank with 3M #2080 Safe-Release blue masking tape. Mask off ½" (13mm) in from each edge of the damaged plank.
2. Using a circular saw or RotoZip<sup>®</sup>, make two parallel rip cuts down the length of the plank using the edge of the inset masking tape as a guide. Set the circular saw or RotoZip to the depth of the thickness of the plank to be removed. The saw blade or router bit should just barely nick the subfloor. Each cut should start and end approximately 1" (2.5cm) from the end of the plank.
3. Make three additional rip cuts across the width of the plank 1" (2.5cm) from each end of the damaged plank and across the middle of the plank. Make additional rip cuts across the width, as needed.
4. Carefully chisel and lift out the center of the plank. Remove masking tape.
5. Using a thin, stiff putty knife, chisel out the perimeter of the plank. Always chisel inward toward the damaged plank.
6. Clean "void" of loose material and old mastic using a razor blade scraper or sharp putty knife. Also make sure that the groove on the adjacent plank is cleaned out.
7. Select a matching replacement plank and cut it to the same length as the removed plank.
8. Remove the bottom lip of the groove side replacement plank using a table saw or utility knife.
9. Set the replacement piece into the "void" to check for proper fit. Insert the tongue side into the groove of the adjacent flooring plank and drop into place. Re-cut and re-fit as necessary. Make sure it fits properly before proceeding.
10. Apply 3M<sup>™</sup>'s DP-110 Translucent Epoxy (or any Epoxy adhesive for a wood to concrete bond) to the subfloor in the opening using the cartridge gun and mixing nozzle. Apply bead of adhesive in an "S" pattern. Place the plank in the adhesive within one minute, so as not to exceed the working time of the adhesive (typically <10 minute worklife). Make sure the plank is level with the surrounding flooring. Clean up any excess adhesive immediately with a clean white cloth. Use mineral spirits (low odor, no residue), or Goof-Off<sup>®</sup>, if necessary. Weight down the replacement plank for at least 30 minutes.

OR

Apply Nydree Flooring MRA1585 adhesive to the subfloor in the opening with a putty knife. A 1/16" (1.5mm) thick bed of mastic is recommended. A standard caulking cartridge (10 fl. oz./296ml) with urethane adhesive (Loctite<sup>®</sup> PL Premium<sup>®</sup> Polyurethane Construction Adhesive or Liquid Nails<sup>®</sup> Polyurethane Construction Adhesive) may also be used as a mastic for this step. Observe the manufacturers directions and cautions on the cartridge label. Place the replacement plank in the mastic bed so that it is level with the surrounding flooring. Clean up any excess adhesive immediately with mineral spirits (low odor, no residue) or Goof-Off<sup>®</sup>. Weight down the replacement plank overnight to allow the adhesive to set.

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<sup>™</sup>3M is a trademark of 3M Corporation

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