

CONCAVE / LOW JOINT FILLER PROFILE



REPAIR MATERIAL

Semi-Rigid Epoxy or Polyurea Joint Filler

MM-80

Rapid Access

Spal-Pro 2000
Spal-Pro RS-88

Freezer/Cooler

Spal-Pro 2000 or RSF

TOOLS & EQUIPMENT NEEDED

Preferred:

- Joint clean-out saw w/ dustless shroud
- Braided wire wheel
- Diamond blade
- Vacuum system
- Razor scraper / torch

Minimal:

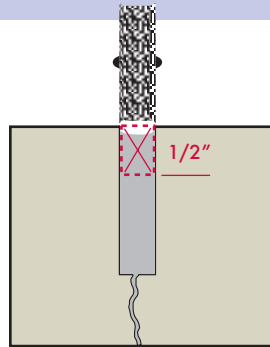
- Right angle grinder
- Braided wire wheel
- Shop vac
- Razor scraper / torch

DIFFICULTY



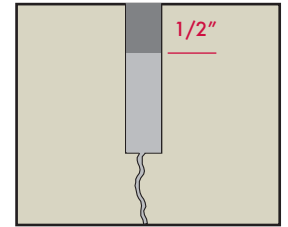
STEP 1

Remove existing filler to a nominal depth of 1/2" (min.) below floor surface using saw or grinder with braided wire wheel or diamond blade. Ensure that joint walls are cleaned back to original concrete and that no filler residue remains. Vacuum out newly created channel.



STEP 2

Overfill newly formed channel with chosen semi-rigid filler and allow to cure. Razor off excess filler flush with floor. (If MM-80 Epoxy Joint Filler was installed, heat overfill lightly with propane torch prior to razoring).



SURFACE SPALLING / POP-OUTS, GOUGES



REPAIR MATERIAL

Structural Epoxy Mortar

Armor-Hard Kit

Semi-Rigid Polyurea

Rapid Access

Spal-Pro 2000

Freezer/Cooler

Spal-Pro 2000

TOOLS & EQUIPMENT NEEDED

Preferred:

- Right angle grinder w/ dustless shroud
- Diamond blades
- Zec®/Grinding Pads
- Vacuum system
- Razor scraper

Minimal:

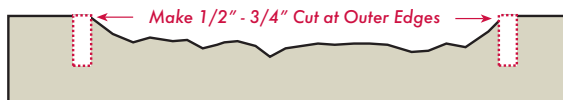
- 3 lb. hammer
- Cold chisel
- Shop vac
- Trowel
- Razor scraper / torch

DIFFICULTY



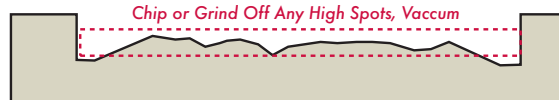
STEP 1

Make cuts with blade or chip out section at outer edges of spalling, 1/2" deep (minimum) to 3/4" deep (preferred).



STEP 2

Chip or grind out any high spots above level of cuts. Vacuum/brush area clean. If oils/debris present solvent wipe with rag.



STEP 3

Slightly overfill area with repair material
If Armor-Hard Kit: trowel smooth/slightly high
If Spal-Pro 2000: fill gradually until material flows over edges slightly high

Slightly Overfill with Repair Material (Trowel if Mortar)



STEP 4

Remove overfill to create smooth, flush surface
If Armor-Hard Kit: grind flush w/Zec® pad
If Spal-Pro 2000: razor flush if small dia. (< 2"), or sand flush at low speed

Grind/Razor Off Overfill Material After Full Cure

