

JOINT SPALLING, MINOR

Up to 1" Wide

Difficulty Of Repair



REPAIR MATERIAL OPTIONS

Semi-Rigid Epoxy or Polyurea Joint Filler

MM-80/MM-80P (I)

MM-80 KRP (I)

Rapid Access

Edge-Pro 90 (I)

Spal-Pro RS-88 (I)

Edge-Pro 80 (D)

Spal-Pro RS-65 (D)

Freezer/Cooler

Spal-Pro 2000 or RSF (I)

TOOLS & EQUIPMENT NEEDED

Preferred:

Joint clean-out saw with dustless shroud, Abrasive Blade, Diamond blade, Vacuum system, Razor scraper/heat (MM-80/MM-80P)

Minimal:

Right angle grinder, Nyalox wheel, Shop vacuum, Razor scraper/heat (MM-80/MM-80P)

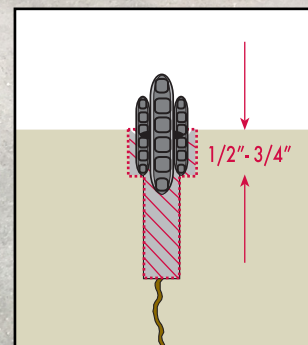
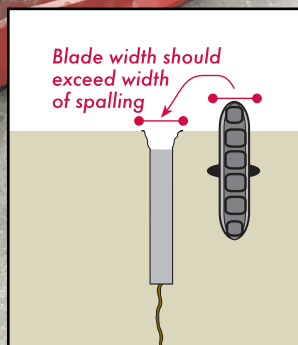
OPTION 1 Semi Rigid Filler (Neat)

The final width of a spalled joint, including the spalls, will determine the best cleaning/re-sawing method required to recreate a proper joint for filling. If spalled joint is narrow, it may be possible to use a single diamond blade to cut a "new" joint to the same depth as the original joint (or 2" minimum).

Step 1

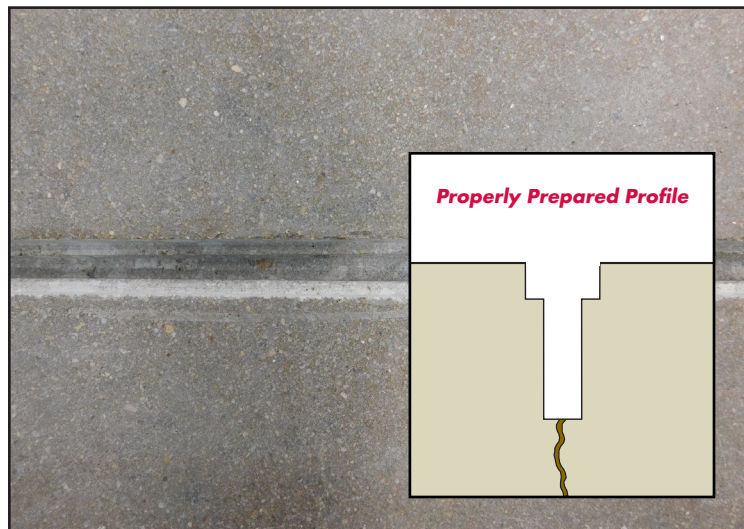
If joint spalling is wider than a single blade width can achieve, consider the use of a series of blades to reach the proper width. If using multiple blades, the center blade should reach the depth of the original joint and the outer blades should achieve a cutting depth of 1/2" - 3/4", creating a "T" shape after cutting.

[Click to watch Minor Spalled Joint Preparation Up to 1" video or scan →](#)



Step 2

Clean out any remaining debris or loose elements. Vacuum thoroughly joints should be dry.



(I) = Industrial

(D) = Decorative

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Up to 1" Wide (Continued)

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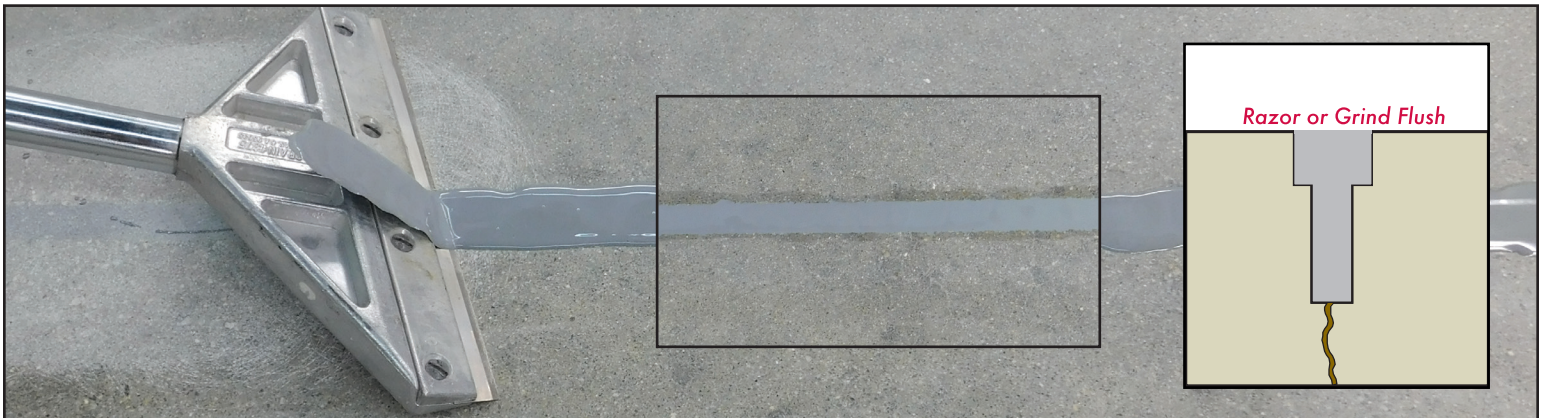


[Click to watch RS-88 Cartridge Installation & Finishing video or scan →](#)

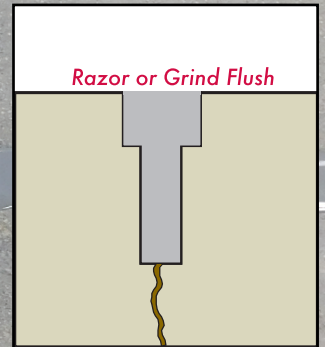


Step 3

Slightly overfill cleaned joint with semi rigid filler (several passes may be required) and allow to cure.



Razor or Grind Flush



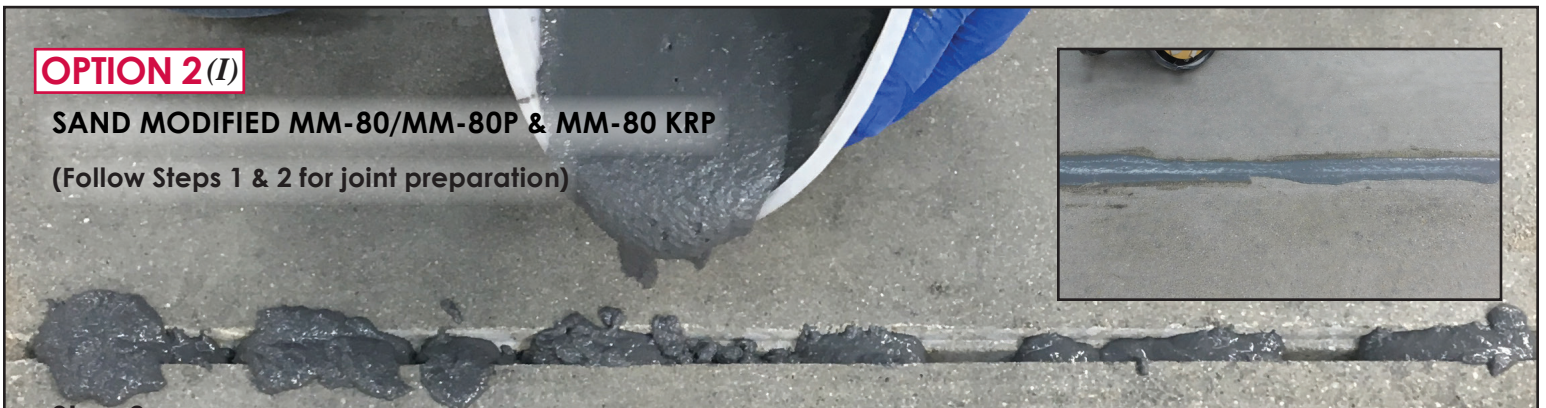
Step 4

At appropriate cure time, razor or grind off excess (heat shave neat MM-80/MM-80P).

OPTION 2 (I)

SAND MODIFIED MM-80/MM-80P & MM-80 KRP

(Follow Steps 1 & 2 for joint preparation)



Step 3

If using MM-80/MM-80P and joint width exceeds 1/2", it is preferable to modify the MM-80/MM-80P with silica sand. Most common ratio is 1 part mixed MM-80/MM-80P to 1 part silica, by volume. *MM-80 KRP is a premeasured kit including the silica sand.

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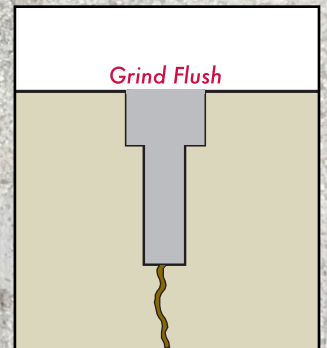
Step 4

After cure grind flush with floor surface. Grinding pad may be a diamond cup wheel, or similar silicon carbide disc.



Step 5

Re-seal/densify slab surface if necessary.



Re-sealed/Densified

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