



Semi-Rigid Polyurea Joint Sealant

SAFETY

This product is for industrial use only. Use only in well ventilated areas. Practice all normal jobsite safety precautions (clear work area, etc). Refer to SDS for more information.

FOOD RELATED FACILITIES

Spal-Pro RS 65 is acceptable for use in facilities regulated by USDA/FDA/CFIA. Contact us to discuss project details if contamination is a concern.

WHEN TO INSTALL

The installation of **Spal-Pro RS 65** should be deferred as long as possible after slab placement and should not be installed prior to 30 days to ensure adequate adhesion. ACI recommends a slab cure of 60-90 days or longer, to permit for greater concrete shrinkage/joint opening, lessening the expected incidence of joint filler separation. Ambient areas should be stabilized at final operating temperature prior to installation, refrigerated areas stabilized and held for an additional 7-14 days or longer if possible. Refer to [Technical Bulletins T5 \(Filler Installation Timing\)](#), [T6 \(Filler Timing for Refrigerated Buildings\)](#) and [T11 \(Joint Filler Separation; Causes & Corrections\)](#) for additional information.

JOINT PREPARATION

Joints should be completely free of saw laitance, dirt, debris, coatings/sealers, and frost or visible moisture. Joint cleaning procedures must accomplish the removal of all of the above. Failure to do so will compromise adhesion. Recommended cleaning method is to chase joints using a dustless concrete saw equipped with a diamond or abrasive blade. Joints should be re-vacuumed after chasing. No primer is needed. If unusual conditions are present, contact Metzger/McGuire.

Base of saw cut should be choked off using a closed-cell compressible backer rod at a depth of 1/2" to avoid three point filler contact in the joint.

PRIOR TO DISPENSING

Thoroughly read MSDS and complete installation instructions prior to opening containers or attempting to dispense.

Spal-Pro RS 65 must be dispensed with dual-feed power dispensing equipment, or with pre-filled, dual-dispense cartridge kits. Manual dispensing is impractical due to short working life (1-2 minute gel time). Power dispensing systems should be set to a 1A:1B ratio by volume. If installing in cooler temperatures, material should be maintained at a minimum temperature of 75°F (24°C) for best results. We recommend the use of a 1/2" diameter (ID) static mixer with 30 or 32 elements for material dispensing and proper mix.

We strongly recommend performing periodic ratio checks on power dispense units to ensure proper cure.

Polyol (Part A) material provided in pails should be thoroughly mixed with a Jiffy mixer or helix paint mixer to redistribute any settlement that may have occurred during shipping or storage. Cartridges should be shaken aggressively to accomplish same.

Pump tanks, lines, and dispensing manifold should be clean and free of any residual materials remaining from previous filler installations.

INSTALLATION INSTRUCTIONS

Semi-Rigid Polyurea Joint Sealant for Retail/Commercial Concrete Floors

DISPENSING

Joints should be filled in one pass. Preferred method is to fill from bottom to top using a dispensing tip that fits into the joint. Take care not to entrap air bubbles. Slightly overfill the joint, leaving a crowned profile, and allow to cure.

FINISHING

We recommend testing various shave times to find the optimal shave which results in a filler profile that is flush with the floor's surface and free of any film from material overfill. The crown may be easily razored off as early as 60 minutes after placement, depending upon temperature. Razoring time should be monitored periodically to find optimal finished profile. If shave time is delayed beyond 6 hours, or if temperatures are low, **Spal-Pro RS 65** shaving process may be more labored.

USE IN GROUND/POLISHED CONCRETE FLOORS

When sequencing product installation as part of a concrete grinding/polishing process, installation can be done prior to grinding/honing if the first tool used is to be 40 grit or higher. Installation can also be deferred until prior to the last metal or transitional tooling step. The earliest the installed filler should be subjected to honing is 60 minutes using a either a wet dry process (at 70°F). See Technical Bulletin T21 for additional information on sequencing.

Note: Some higher grit polishing operations can generate sufficient heat to melt or smear joint fillers, depending upon equipment and job conditions. If melting or smearing is detected, stop operations and test potential methods of reducing slab surface heat, including misting joints with water, altering the speed of polishing operations, re-shaving the joint filler or changing tooling. Please contact our technical service department for more information or assistance.

CLEAN-UP

Spills of unmixed components can be cleaned up with solvent (MEK, denatured alcohol, etc) or scraped/shaved off floor and tools if cured.

MAINTENANCE

Once cured, **Spal-Pro RS 65** is basically maintenance free. If joints should open after installation, fill voids with additional **Spal-Pro RS 65**. Refer to [Technical Bulletin T11 \(Joint Filler Separation; Causes & Corrections\)](#) for additional information.

MATERIAL WARRANTY/SHELF LIFE

Metzger/McGuire Co. solely and expressly warrants that its **Spal-Pro RS 65** shall be free from defects in material and workmanship for 365 days from the date of purchase. Unless authorized in writing by an officer of Metzger/McGuire, no other representations or statements made by Metzger/McGuire or its representatives, in writing or orally, shall alter this warranty. Metzger/McGuire makes no warranties, implied or otherwise, as to the merchantability or fitness for ordinary or particular purposes of its products and excludes the same. If any Metzger/McGuire product fails to conform with this warrant, Metzger/McGuire will replace the product at no cost to the purchaser. Purchaser's sole remedy in any case shall be limited to the purchase price or replacement cost of product and specifically excludes labor and the cost of labor, lost wages and opportunity costs, and all other possible incidental, consequential or special damages resulting from any claim of breach of warranty, breach of contract, negligence or any legal theory. Any warranty claim must be made within one (1) year from the date of material purchase. Metzger/McGuire does not authorize anyone on its behalf to make any written or oral statements which in any way alter the installation procedures or written installation instructions published in its product literature or on its packaging labels. Any installation of Metzger/McGuire products which fails to conform with such installation information or instructions shall void this warranty. Purchaser shall be solely responsible for determining the suitability of Metzger/McGuire's products for the purchaser's intended purpose.

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