



TECHNICAL DATA SHEET

Spal-Pro RS 65

PRODUCT DESCRIPTION

Spal-Pro RS 65 is a rapid set, two-component polyurea polymer liquid of 100% solids content. When cured, it is a semi-rigid sealant with a hardness of Shore A64-69. Spal-Pro RS 65 was developed to seal floor joints in commercial/retail exposed concrete floors that are subject to pedestrian/cart traffic and very limited material handling traffic. LIMITATIONS: Spal-Pro RS 65 is NOT designed for Class 5-9 industrial floors subject to heavy loads and moderate to frequent material handling vehicles and traffic. Spal-Pro RS 65 may exhibit bubbling and/or compromised adhesion if concrete or ambient moisture levels are high. Spal-Pro RS 65 is designed for use in areas where final temperatures are from 32°F (0°C) to +120°F (49°C).

PHYSICAL PROPERTIES

HARDNESS, SHORE "A" @ 70°F: A64-69

INITIAL GEL TIME: 50 Seconds

FULL GEL TIME: 2 Min.

PEDESTRIAN TRAFFIC: 30 Min.

INITIAL SHAVE TIME: 1 Hour

INITIAL GRINDING/POLISHING: 6 Hours

TENSILE ELONGATION*(@ 70°F): 162%

TENSILE STRENGTH (@ 70°F): 393 psi

MIX RATIO (by vol.): 1:1

SOLIDS CONTENT: 100%

SHRINKAGE: Negligible

COLOR: Standard Gray and Brownstone are standard colors; many colors are also available

COVERAGE RATES

Joint Size (US)	LF/Gal.	Joint Size (Metric)	M/Gal.
3/16" x 1/2"	200	4.75 x 12.7mm	61
1/4" x 1/2"	160	6.35 x 12.7mm	49
3/8" x 1/2"	100	9.52 x 12.7mm	30

LIMITATIONS

Spal-Pro RS 65 is NOT designed for Class 5-9 industrial floors subject to heavy loads and moderate to frequent material handling vehicles and traffic. Spal-Pro RS 65 may exhibit bubbling and/or compromised adhesion if concrete or ambient moisture levels are high. Spal-Pro RS 65 is designed for use in areas where final temperatures are from 32°F (0°C) to +120°F (49°C).

INSTALLATION

Correct Joint Design/Installation Spal-Pro RS 65 should be installed at a depth of 1/2" deep over closed-cell compressible backer rod in sawn contraction/ control or construction joints.

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.

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 The Concrete Protector®. 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 SDS 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 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.

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 1 hour after placement, depending upon temperature. Best shave time for flush profile is typically 3-8 hours after placement, but installer should assess project conditions to determine optimal shave time.

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.

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY

The Concrete Protector (Division of Incredible Products, LLC), warrant that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANTY IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM