



Injectable Polyurethane For The Correction of Deflecting Concrete Slabs

TECHNICAL DATA

SPS-1

1. Product Name

Spal-Pro Stabilizer

2. Manufacturer

METZGER/MCGUIRE

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3. Product Description

Composition

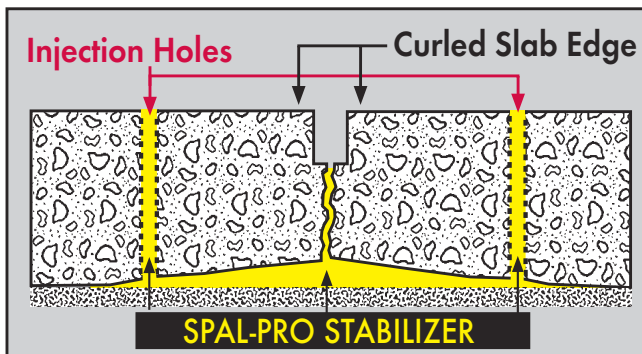
Spal-Pro Stabilizer is a rapid-setting, two-component polyureapolymer liquid of 100% solids content. When cured, **Spal-Pro Stabilizer** is a medium to dark amber solid with a firm rubber-like hardness of Shore A 95.

Basic Use

Spal-Pro Stabilizer is used to correct conditions where slabs deflect and/or rock when subjected to material handling vehicle loads. This condition is usually the result of slab curl or various below grade deficiencies/voids.

Once pressure injected into the voids beneath the slab, **Spal-Pro Stabilizer** cures into a hard rubber-like solid pad that fully supports the slab and reduces or eliminates deflection within 30 minutes of installation. **Spal-Pro Stabilizer** has an installation and service temperature range of +120°F (49°C) to -20°F (-29°C).

4. Correct Installation



Corrective procedures may vary due to conditions (severity of curl, degree of deflection, joint edge spalling, etc.). Contact Metzger/McGuire for assistance in determining best methods for slab stabilization.

5. Limitations

Special procedures (heated pump system, etc.) are required for below-freezing installations.

6. TECHNICAL INFORMATION

| | RESULTS |
|----------------------------|------------|
| HARDNESS, SHORE "A" @ 70°F | A95 |
| HARDNESS, SHORE "D" @ 70°F | D55 |
| TENSILE STRENGTH | 2850 PSI |
| COMPRESSIVE STRENGTH | 1800 PSI |
| POT LIFE @ 70°F | 2-3 MINS. |
| MIX RATIO (by volume) | 2:1 |
| SOLIDS CONTENT | 100% |
| SHRINKAGE | Negligible |

7. Color and Packaging

Standard color is medium to dark amber. Available in 15 gallon (US) kits (3 - 5 gallon pails for bulk dispensing machines) and 150 gallon (US) kits (3 - 55 gallon drums for bulk dispensing machines).

8. Applicable Specifications

There are no government, trade or ASTM standards for this product or its intended use.

9. USDA/FDA/LEEDS Approval

Spal-Pro Stabilizer is acceptable for use in floors subject to USDA and FDA inspection and regulation.

10. Installation

Contact manufacturer for comprehensive information on achieving optimum results from this product.

Due to rapid set time and need for pressure to ensure optimum filling of below-slab voids, **Spal-Pro Stabilizer** is best installed using a dual-feed, power dispensing pump.

11. ADVANTAGES

- **Spal-Pro Stabilizer** has a high shore hardness and compressive strength for optimum support of slabs-under-load.
- **Spal-Pro Stabilizer** is a rapid-setting material which enables an early return of traffic to distressed slabs.
- **Spal-Pro Stabilizer** has a low viscosity to allow for easier injection and better penetration into narrow voids below slab.
- **Spal-Pro Stabilizer** comes with a "legacy." For more than 35 years Metzger/McGuire has been the unequalled leader in industrial floor slab protection and correction.

Revised 09/14

MATERIAL WARRANTY: Metzger/McGuire Co. solely and expressly warrants that its Spal-Pro Stabilizer shall be free from defects in material and workmanship for one year 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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