



**PRODUCT
BROCHURE
2024**

POLYUREA JOINT FILL

The PE series of polyurea joint fillers are semi-rigid elastomers, that are self-leveling, non-staining, and provide outstanding joint edge protection. These advanced formulations are specifically designed for commercial, industrial, and residential slabs with low to moderate thermal cycling.

Features

- ✓ Moisture insensitive
- ✓ 100% solids, no VOC's
- ✓ Non-smearing
- ✓ Return to service in 15-30 minutes
- ✓ Cures from 30°F to 130°F
- ✓ Odorless, no toxic vapors

A freezer blend additive is available for installations under 30°F

PE-65



- Shore A Hardness of 65-67
- Pot Life / Gel Time: 60 sec
- 220% Elongation (ASTM D-412)
- Applications:
 - Light Traffic
 - Office
 - Institution
 - Food Facilities
 - Retail

PE-80



- Shore A Hardness of 77-82
- Pot Life / Gel Time: 45 sec
- 110% Elongation (ASTM D-412)
- Applications:
 - Light to Moderate Traffic
 - Retail
 - Grocery Stores
 - Warehouse

PE-85



- Shore A Hardness of 85-87
- Pot Life / Gel Time: 30 sec
- 150% Elongation (ASTM D-412)
- Applications:
 - Light to Heavy Traffic
 - Retail
 - Warehouse
 - Industrial

PE-90



- Shore A Hardness of 90-95
- Pot Life / Gel Time: 35 sec
- 100% Elongation (ASTM D-412)
- Applications:
 - Heavy Traffic
 - Warehouse
 - Industrial
 - Crack Repair

CONCRETE DENSIFIER



CD-HSL

- Low Solids Blended Silicate
- Value-based densifier
- Easy to apply
- Improves abrasion resistance
- Does not promote crazing



CD-SS

- Sodium Silicate
- High solids
- Improves abrasion resistance
- VOC compliant
- *New formulation, improves application and performance compared to older sodium technologies*



CD-LS

- Lithium Silicate
- Rapid hardening
- Can be applied anytime
- Great for densification at a high grit
- Increases water repellency
- Reduces crazing growth
- Improves abrasion resistance



CD-HS

- High Solids Blended Silicate
- Value and performance
- Easy to apply
- Great for soft and porous floors
- Does not promote crazing
- Increases hardness up to 40%

CONCRETE REPAIR

Our versatile, two component, high-strength polyurethane repair materials are designed to rapidly repair cracks, spalls, damaged joints and other surface defects. These products can be hand-mixed or applied using a plural component 1:1 pump. This low viscosity material can be trowel applied to repair pinholes, pop outs and other defects, or mixed with sand and cement to create a high strength repair mortar.

Features

- ✓ 100% solids
- ✓ Rapid strength development
- ✓ Cures from -20°F to 130°F
- ✓ Self-priming and self-leveling



TX-1

- 1-2 Minute Pot Life
- 15-20 Minute Cure

Applications

Joint rebuilds, grout coating, polishable repair, grade matching, spall and crack repair



TX-GEL

- 2-3 Minute Pot Life
- 3-4 Hour Cure
- Non-sag Consistency

Applications

Vertical crack repair, large crack repair, flush troweled repairs, under coating repairs, bolt hole patching



TX-2

- 2-3 Minute Pot Life
- 25-30 Minute Cure

Applications

Void filling, under coating repairs, spall and crack repair, joint rebuilds



TX-PMF

- 2-3 Minute Pot Life
- 2 Hour Cure
- Shaves flush in 45 minutes

Applications

Crack filling, slab knitting, small spall repair, bolt hole filling, joint fill separation



TX-3

- 4-5 Minute Pot Life
- 45-60 Minute Cure

Applications

Joint rebuilds, grout coating, polishable repair, grade matching, spall and crack repair



RX-2

- 2-3 Minute Pot Life
- 20-30 Minute Cure
- Ultra Low Viscosity

Applications

Joint rebuilds, freezer repair, crack and spall repair, grout coating, under coating repairs

CONCRETE SEALER



CS-HG

- Reactive water-based sealer
- Fast-drying formula
- Rapid gloss development
- Does not alter surface profile
- Prolongs polished concrete
- Increases abrasion resistance



CS-PS

- Fully penetrating
- Protects against water, oil, and stains
- Non-film forming
- Preserves natural look of concrete
- Breathable



JOINT FILL PUMPS



NEW

SB2024

Completely New Compact Design:

- Direct Drive Technology
- Low hopper height
- 10-gallon capacity
- 15-foot hose
- Single user operation
- Integrated handle controls
- Front shelf for generator or power rack
- Installs up to 7,000 LF per day

*Available with a lithium-ion power pack



SBMINI

Ultra Portable Pump:

- Piston Driven
- 1-gallon capacity
- 110V powered
- Momentary On/Off button
- Variable speed
- Low repair parts cost
- Easy clean-up
- Installs up to 500 LF per hour

*Optional battery cart sold separately



SUPER PUMP

High Productivity Pump:

- 60-gallon Capacity
- Dual, independently operating applicator wands
- 15-foot hoses
- Cordless design
- Installs up to 30,000 LF per day

*Available for rent as part of the Hi-Pro joint filling system

JOINT FILL EQUIPMENT



POWER SHAVER

Ride-On Joint Shaver

- 36V power system
- Trans-Axle drive train
- Heavy-Duty 8" Shaver Head
- Leaves a flush, smooth profile
- Shaves over 5,000 LF per hour
- Easy sit-down operation



HT-7

Walk-Behind Clean-Out Saw

- 7-inch Worm Drive Saw
- Weighted chassis
- Flourescent sight lines
- Large, non-marking wheels
- 2" Vac port
- Adjustable blade height
- User presence safety handle

COLOR CHART

HTS stands as an industry leader in color for joint fillers and concrete repair products, offering precise color matches of over 800 colors for stained, coated, and terrazzo floors. Explore our catalogue of popular color options below.



For demonstration purposes only.

Cured color samples are available for a more accurate representation of colors. Core Colors ship within 1-2 business days.

HTS has over 800 available colors and offers custom color matching service upon request for an additional fee.

909.945.5530 • HTSPOLY.COM





Formerly known as Hi-Tech System, HTS has been a leader in the concrete flooring industry for over 15 years. We are dedicated to providing innovative products and industry-leading customer support. Our renowned line of concrete flooring products is utilized worldwide, delivering the consistency, simplicity, and reliability our customers have come to rely on. We look forward to exceeding your expectations as we continue our commitment to customer service, on-site training, and product performance.



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