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P-TUFF® SEALANT HA
*Two-Part Hand-Mix Polyurea
 Caulking Compound*

DESCRIPTION

P-Tuff® Sealant HA (Hand-Mix) is a two component, modified aliphatic, rapid setting, self leveling, 100% solids polyurea caulking compound.

FEATURES

- ❖ 100% Solids Meets VOC Regulations
- ❖ Flexible
- ❖ Meets USDA Criteria
- ❖ Odorless
- ❖ Remains Flexible, Even In Cold Temperatures
- ❖ Meets California VOC and SCAQMD Requirements

USES

P-Tuff® Sealant HA is for small repairs on interior and exterior horizontal concrete surfaces, to repair random cracks, control joints, and other areas where down time is limited.

- ❖ Food Processing Plants
- ❖ Airports
- ❖ Bridge Headers
- ❖ Spalls
- ❖ Freezers and Cold Storage
- ❖ Truck Aprons
- ❖ Waste Water Treatment Plants
- ❖ Grade Matching
- ❖ Parking Garage Decks
- ❖ Saw/Utility Cuts
- ❖ Industrial/Manufacturing Facilities

COLORS

Side-A White, Side-B Black

PACKAGING

1 gallon kit: One 1 gallon can (net fill 0.875 gallons) of Side-A and one 1 pint can (net fill 0.125 gallons) of Side-B.

COVERAGERATE

One gallon of P-Tuff® Sealant HA will fill approximately 72 linear feet at ¼" by 1".

SURFACEPREPARATION

Allow concrete to cure 28 days before installation.

Saw cut the joint to ACI Recommendations.

TECHNICAL DATA

Solids Content 100%
 Shore A hardness, ASTM D-2240 80 ± 4 A
 Elongation, ASTM D-412 600 ± 50%
 Tensile Strength, ASTM D-412 2000 ± 200 psi
 Gel Time @ 75°F, ASTM D-2471 4-5 minutes
 Tear Strength, ASTM D-624 425 ± 50 pli

COVERAGERATESLF/Gallon

		Width of Joint						
		¼"	⅜"	½"	⅝"	¾"	⅞"	1"
Depth of Joint	¼"	308	205	154	123	102	88	77
	⅜"	205	136	102	82	68	58	51
	½"	154	102	77	61	51	44	38
	⅝"	123	82	61	49	41	35	30
	¾"	102	68	51	41	34	29	25
	⅞"	88	58	44	36	29	25	22
	1"	77	51	38	30	25	22	19

Coverages and yields shown do not include allowances for loss or waste and variations in job conditions. Each user must establish his own factors for loss from experience.

All joints must be clean and dry prior to installing P-Tuff® Sealant HA.

If joint is damp, dry with heat torch.

Remove all dust from the concrete pores prior to installing P-Tuff® Sealant HA.

Ensure that all joint edges are at 90° angles to grade with no V-grooving or feather edges.

MIXING

P-Tuff® Sealant HA may not be diluted under any circumstance. **DO NOT ESTIMATE, proportions are premeasured.**

Pre-mix P-Tuff® Sealant HA Side-B material before combining with Side-A.

Side-A material requires no mixing.

Add Side-A to Side-B while mixing, using a mechanical mixer (Jiffy Mixer) with a low speed drill and Jiffy Mixer blade. Mix until a homogeneous mixture and color is obtained (at least 5 minutes).

Use care to scrape the sides of the container to ensure that no unmixed material remains.

Use caution not to whip too much air into the material as this may result in pinhole blisters or shortened potlife.

APPLICATION

NOTE: P-Tuff® Sealant HA may NOT be diluted under any circumstances. **DO NOT ESTIMATE, proportions are premeasured.**

P-Tuff® Sealant HA can be applied at environmental temperatures from 32°F (0°C) to as high as 135°F (57°C).

The product needs to be conditioned at 75-80°F prior to use.

FINISHING

After applying P-Tuff® Sealant HA wait 3-4 hours, depending on temperature and humidity before open to traffic.

Slice off any overpour flush to grade.

Open to light traffic once P-Tuff® Sealant HA has set.

Surface can be utilized within 6-8 hours of application at 75°F (24°C).

CLEANUP

Cured product may be disposed of without restriction. Mix excess A and B material and allow to cure. Check local, state and federal laws before disposing of material.

STORAGE

P-Tuff® Sealant HA should be stored at room temperature, 60-90°F (15-35°C).

P-Tuff® Sealant HA has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

LIMITATIONS

DO NOT dilute P-Tuff® Sealant HA under any circumstances.

DO NOT ESTIMATE, proportions are premeasured.

Do not use in cracks, construction joints or control joints if surface is subject to thermal cycling.

Discoloration will occur if exposed to UV, however no change will occur in the physical properties.

WARNING

This product contains Isocyanates and Curatives.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local PSI representative or visit our website for current technical data and instructions.

LIMITED WARRANTY

PSI warrants its products to be free of manufacturing defects and that they will meet PSI current published physical properties. PSI warrants that its products, when properly installed by a state licensed waterproofing contractor according to PSI guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PSI of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PSI shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PSI shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PSI reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PSI makes no claim that these tests or any other tests, accurately represent all environments.