



1-888-878-5233

Custom Linings® 600 HM

100% Solids Self-Leveling
Polyurea Caulking Compound

DESCRIPTION

Custom Linings® 600 HM (Hand-Mix) is a two component, modified aliphatic, rapid setting, self leveling, 100% solids polyurea.

FEATURES

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

TYPICAL USES

Custom Linings® 600 HM (Hand-Mix) 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
- ❖ Bridge Heaters
- ❖ Freezers and Cold Storage
- ❖ Waste Water Treatment Plants
- ❖ Parking Garage Decks
- ❖ Industrial/Manufacturing Facilities
- ❖ Airports
- ❖ Truck Aprons
- ❖ Grade Matching
- ❖ Saw/Utility Cuts

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 of Side-B.

COVERAGE

One gallon Custom Linings® 600 HM will fill approximately 72 linear feet at 1/4" by 1".

SURFACE PREPARATION

Allow concrete to cure 28 days before installation.

Saw cut the joint to ACI Recommendations.

All joints must be clean and dry prior to installing Custom Linings® 600 HM

If joint is damp, dry with heat torch.

Remove all dust from the concrete pores prior to installing Custom Linings® 600 HM.

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

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	8-10 minutes
Tear Strength, ASTM D-624	425 ± 50 pli

APPLICATION

This material can be applied at temperatures from -0°F (-1.8°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 Custom Linings® 600 HM wait 60-90 minutes.

Slice off any overpour flush to grade.

Open to traffic once Custom Linings® 600 HM has set.

Surface can be utilized within 3 hours of application @ 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

Custom Linings® 600 HM should be stored at room temperature, 60-90°F (15-35°C).

Custom Linings® 600 HM has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

LIMITATIONS

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 isocyanate and curative material.

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 Custom Linings representative or visit our website for current technical data and instructions.

SAFETY PRECAUTIONS

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. This material contains polyisocyanates. Vapors and spray mist are harmful. Improper handling and use may be hazardous. At all times safety precautions must be strictly followed during storage, handling and application.

WARNING

Individuals with chronic respiratory problems or prior respiratory reactions to such materials should not be exposed to vapors. All personnel entering the application area, including the applicator must wear properly fitted, NIOSH/MSHA approved, fresh air positive pressure air respirators with a full face piece or an air supplied hood.

Keep the material away from sparks, flash and open flames. Containers, even those that have been emptied, may contain dangerous and explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

LIMITED WARRANTY

Custom Linings warrants its products to be free of manufacturing defects and that they will meet *Custom Linings* current published physical properties. *Custom Linings* warrants that its products, when properly installed by a licensed applicator according to *Custom Linings* guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of three (3) years. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by *Custom Linings* of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. *Custom Linings* 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. *Custom Linings* 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. *Custom Linings* 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 *Custom Linings* makes no claim that these tests or any other tests, accurately represent all environments.