



# CL-CAULK® HM

100% Solids Self-Leveling  
Polyurea Caulking Compound

## DESCRIPTION

CL-Caulk® HM (Hand-Mix) is a two component, modified aliphatic, rapid setting, self leveling, 100% solids polyurea caulking compound.

## FEATURES

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

## USES

CL-Caulk® HM 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 Headers
- ◆Freezers and Cold Storage
- ◆Waste Water Treatment Plants
- ◆Parking Garage Decks
- ◆Industrial/Manufacturing Facilities
- ◆Airports
- ◆Spalls
- ◆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 RATE

One gallon of CL-Caulk® HM will fill approximately 72 linear feet at 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 CL-Caulk® HM.

If joint is damp, dry with heat torch.

Remove all dust from the concrete pores prior to installing CL-Caulk® HM.

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

## APPLICATION

NOTE: CL-Caulk® HM may NOT be diluted under any circumstances. **DO NOT ESTIMATE - proportions are premeasured.**

## 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   |

CL-Caulk® HM 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 CL-Caulk® HM wait 3-4 hours, depending on temperature and humidity.

Slice off any overpour flush to grade.

Open to light traffic once CL-Caulk® HM has set.

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

## CLEAN UP

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

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

CL-Caulk® HM has a shelf life of one (1) year from date of manufacture in original, factory sealed containers.

## LIMITATIONS

DO NOT dilute CL-Caulk® HM 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 Custom Linings representative or visit our website for current technical data and instructions.*

#### **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**

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