

November 2011

Technology	Epoxy modified urethane
Appearance (Mixture)	Gray liquid
Cure	Room temperature cure after mixing
Components	Two components - requires mixing
Application	Filler
Specific Benefit	● 100 % solids ● No solvents ● Excellent adhesive strength and flexibility ● Pourable ● High Chemical Resistance ● Cures to a natural, un-pigmented color

Recoat Time @ 21 °C, hours	6 to 48
Pot life @ 21 °C, hours	2
Coverage, 3.8 liters (1 gallon)	23 linear meters(75 linear ft) with a 1.3 cm by 1.3 cm (0.5 inch by 0.5 inch)cavity

The graph plots Time in minutes on the y-axis (0 to 50) against Temperature in °C on the x-axis (0 to 35). Two curves are shown: 'Work Time' (red line) and 'Pot Life' (black line). Work Time starts at approximately 45 minutes at 3°C and decreases to about 31 minutes at 32°C. Pot Life starts at 30 minutes at 3°C, remains constant until about 25°C, and then drops to 20 minutes at 32°C.

Temperature (°C)	Work Time (minutes)	Pot Life (minutes)
3	45	30
10	45	30
20	42	30
25	35	30
30	32	25
32	31	20

Hard Foot Traffic

Temperature, °C	Time, hours
4	70
5	60
10	30
15	20
20	15
25	10
30	7
33	5

Elongation, ISO 527-2, %	140
Shore Hardness, ISO 868, Durometer A	80
Water Absorption, 7 days, %	2

Bond Strength to Concrete	N/mm ² >2.8 (psi) (>400)
Rebound resiliency, %	30

N/mm x 5.71 = lb/in
 N/mm² x 145 = psi
 MPa x 145 = psi
 N·m x 8.851 = lb·in
 N·m x 0.738 = lb·ft
 N·mm x 0.142 = oz·in
 mPa·s = cP

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

Directions for use:

1. Surface must be sound, clean and dry. Remove all oils grease, previous caulking and coatings prior to application.
2. To ensure adequate joint elasticity, the depth of the material should not exceed twice the width. .
3. If crack is deep, insert a backer rod into the joint, leaving approximately 2.5 cm (1") from the top of the backer rod to the top of the joint. .
4. Tape off the joint up to the edge on either side to provide neat application.
5. Mix Part A and Part B components at slow speeds (<700 rpm) with a Jiffy® style mixer for at least two minutes, until uniform in color.
6. Once cured, remove tape.

Loctite Material Specification^{LMS}

LMS dated August 8, 2011 (Resin) and LMS dated August 8, 2011 (Activator). Test reports for each batch are available for the indicated properties. LMS test reports include selected QC test parameters considered appropriate to specifications for customer use. Additionally, comprehensive controls are in place to assure product quality and consistency. Special customer specification requirements may be coordinated through Henkel Loctite Quality.

Storage

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties. Material removed from containers may be contaminated during use. Do not return product to the original container. Henkel Corporation cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated. If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

Conversions

(°C x 1.8) + 32 = °F
 kV/mm x 25.4 = V/mil
 mm / 25.4 = inches
 µm / 25.4 = mil
 N x 0.225 = lb

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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Reference 0.0