FLEXIBLE ELASTOMERIC VAPOR BARRIER SEALANT

DESCRIPTION
CHIL-BYL® CP-76 sealant is a balanced blend of butyl polymers specifically designed for permanent flexibility in low temperature, dual temperature, and high temperature insulation applications.

USES
CHIL-BYL CP-76 sealant is used to vapor seal the joints of cellular glass and cellular plastic insulations (except polystyrene). It remains flexible and functional through a wide temperature range.

CHIL-BYL CP-76 sealant has good resistance to elevated temperatures, and is recommended as an expansion joint material up to 300°F. It is an excellent water seal, vapor seal, and expansion joint material, and is suggested as a joint sealant for metal jacketing systems.

APPLICATION
CHIL-BYL CP-76 sealant is applied with pointed trowel, putty knife, or power extrusion equipment. It is also available in caulkig tubes and may be applied with hand or power caulking guns. It has a heavy body, and can be applied in various thicknesses without sagging or running.

ADVANTAGES
- CHIL-BYL CP-76 sealant resists the effects of water soak, high temperatures, vibration stresses, and combinations of all three.
- It has extremely low shrinkage, excellent adhesion, and requires no mixing or additives.

CERTIFIED
- Meets NFPA Standard 90-A and 90-B 25/50 requirements.
- This product has been tested according to ASTM E-84 (Surface Burning Characteristics of Building Materials).
- Meets requirements for LEED IEQ 4.1 Low-Emitting Materials, Adhesives and Sealants when used as a butt joint sealant in insulated systems. VOC: 356 g/l, less water and exempt solvents.

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Suggested Specifications

CHIL-BYL® CP-76

JOINT SEALANT FOR CELLULAR GLASS OR CELLULAR PLASTIC INSULATIONS (EXCEPT POLYSTYRENE)
During application of insulation apply a 1/8” (.31 cm) thickness of CHIL-BYL® CP-76 sealant to the longitudinal and abutting joints. Sections of insulation shall be pressed firmly into place to insure an unbroken seal. A 1” minimum depth of sealant is recommended. At termination of insulation, the CHIL-BYL CP-76 sealant shall be extended back under the insulation for a minimum of 4” (10.16 cm).

JOINT SEALANT FOR METAL JACKETING SYSTEMS
All joints of aluminum or stainless steel jacketing shall be weather sealed by applying a 1/8” (.31cm) bead of CHIL-BYL CP-76 sealant underneath the lap. Jacketing shall be firmly embedded and pulled up tight. All overflow of sealant shall be removed with solvents.

Application Guide and Suggested Procedures

1. USE OF MATERIAL
Although CHIL-BYL CP-76 sealant may be used at very low temperatures, it is recommended that it be kept as warm as possible (preferably stored at 70°F or 21°C) just prior to application for optimum ease of application.

2. CONDITION OF THE SURFACE TO BE COATED
The surface to be coated shall be as clean and dry as possible. No primer is required over metal surfaces, however CHIL-BYL CP-76 sealant should not be applied over dusty, wet, damp, or icy surfaces, as adhesion may be adversely affected.

3. APPLICATION
CHIL-BYL CP-76 sealant is usually applied with a steel trowel. There is power extrusion equipment available for production applications. When using the caulking tubes and laying down a bead in the joints of block insulation or pipe insulation, sufficient material should be applied so that when the joints are squeezed together a minimum of 1/16” film is formed.

4. HINTS FOR SUCCESS
When the joints of insulation are squeezed together, any excess of CHIL-BYL CP-76 sealant should be removed or smoothed down flush with the insulation surface. Spillage or overflow of CHIL-BYL CP-76 sealant may be readily removed with almost any type of hydrocarbon solvent. (Caution must be exercised to ensure that the solvent used will not attack the underlying insulation and/or substrate.)
Although CHIL-BYL CP-76 sealant may be coated over with most types of coatings, user should verify by his own tests that there will be no bleeding through the top coating by the CHIL-BYL CP-76 sealant.

CUSTOMER SERVICE: 800-832-9002

IMPORTANT: H.B. Fuller Construction Products Inc. warrants that each of its products will be manufactured in accordance with the specifications in effect on the date of manufacture. WE MAKE NO OTHER WARRANTIES AND EXPRESSLY DISCLAIM ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If a product fails to meet this limited warranty, purchaser’s sole and exclusive remedy is replacement of the product or, at our option, refund of the purchase price. OUR ACCEPTANCE OF ANY ORDERS FOR THE PRODUCT IS EXPRESSLY CONDITIONAL UPON PURCHASER’S ASSENT TO THE TERMS ON THE APPLICABLE INVOICE.

ADEQUATE TESTS: The information contained herein we believe is correct to the best of our knowledge and tests. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that adequate tests be performed by you to determine if this product meets all of your requirements. The warranted shelf life of our products is six months from date of shipment to the original purchaser.

For professional use only. Keep out of reach of children.

Consult Material Safety Data Sheet and container label for further information.

DS CP76 R1211