CHILDRENE CP-96 Adhesive

HIGH STRENGTH POLYSTYRENE AND POLYURETANE ADHESIVE

DESCRIPTION
Childers CHILDRENE™ CP-96 is high strength solvent based fast grab synthetic rubber and resin adhesive specifically designed to adhere extruded and expanded rigid polystyrene and all urethane insulations to themselves and to other porous and non-porous substrates. It exhibits good initial tack and sets up quickly.

USES
CHILDRENE CP-96 adhesive is used to bond polystyrene and polyurethane to itself and other structural surfaces including aluminum, stainless steel, galvanized steel, concrete block, ceramic tile, masonry, drywall, wood, and gypsum board. It may also be used to adhere semi-rigid fiberglass insulation to a substrate.

When bonding insulation to surfaces other than those listed above, a small test patch is recommended to assure compatibility. CHILDRENE CP-96 adhesive is not recommended when impervious surfaces need to be bonded together.

ADVANTAGES
CHILDRENE CP-96 adhesive will not attack polystyrene when applied as recommended, assuring a permanent bond. Its fast grab and quick bonding time facilitates application and maximizes production efficiency.

APPLICATION
Apply CHILDRENE CP-96 adhesive only to clean and dry surfaces that are free from oil, grease, dust, paint, and water. Concrete surfaces should be wire brushed to remove all latents. Store the product at room temperature (70º F or 21º C) for 48 hours prior to application. Do not apply to any surface if the surface temperature is above 100º F (38ºC).

CHILDRENE CP-96 adhesive is designed for application by trowel, although it may be extruded or applied by spot method. To apply by trowel, use a serrated trowel with ¼” deep notches on ½” centers. Trowel over the entire surface being adhered. To apply by spot method, apply via putty knife a spot 1” in diameter and ½” thick on 12” centers. After the adhesive is applied to the insulation being adhered to a substrate, press the insulation board firmly into the desired position. Then remove the freshly pressed board and allow 5 to 10 minutes open time to allow solvent evaporation. Allow the solvent to completely evaporate to prevent the possibility of solvent attack. Then reinstall and again firmly press the insulation board into the desired position. If a multiple layer application is desired, stagger all joints, butter all joint edges, and provide anchor pins. Clean up all tools immediately upon completion.

COLORS
Light Tan

WET WEIGHT
7.8 lbs./U.S. gal. (1.0 kg/liter)

AVERAGE NON-VOLATILE
57% by weight

SERVICE TEMPERATURE RANGE
(Temperature to which dry adhesive is subjected)
-20ºF to 180ºF
-29ºC to 82ºC

APPLICATION TEMPERATURE RANGE
40ºF to 100ºF
4ºC to 38ºC

BONDING TIME
1 to 10 minutes.
Temperature, humidity and film thickness will affect drying time.

COVERAGE
60 sq. ft./U.S. Gal. - Trowel
1.5 sq. m/liter - Trowel

CLEAN-UP
Combustible - Mineral Spirits
Non-flammable—Chlorinated Solvents

FLAMMABILITY
FLAMMABLE in the wet state. Open carefully away from sparks, open flame, welding equipment, and smoking materials. Use only with adequate ventilation. Avoid prolonged breathing of vapors. Keep container closed tightly when not in use. Apply only in well ventilated areas. DO NOT THIN.

CP-96 contains no asbestos, lead, mercury, or mercury compounds.

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IMPORTANCE:
Specify Construction Brands, 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 industrial use only. Keep out of reach of children.
Consult Material Safety Data Sheet and container label for further information.

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