BCI BUILDING CHEMISTRY INDUSTRY

BC 805P

Product Description:-

BC 805P is a pre-pressurized, portable, one component, polyurethane foam system applied in a Spray form
BC 805P expands and cures slowly to a semi-rigid, closed cell foam upon reaction with moisture, such as ambient humidity
It is designed for easy dispensing through a straw adapter that is included with each can.

Uses:

On any clean surface to fill, insulate and seal around gaps, beneath base plates, muds sills, top plate penetrations, corner joints, T-joints, exterior cracks around utility panels, pipes, duct penetrations, etc
For dispensing as a Spray for filling cracks, crevices, and to fill smaller cavities.

Characteristics / Advantages:

Tack-free in approximately 5 minutes or less, based on moisture/temperature conditions.
Fully cures within 12 to 24 hours.
Cured foam can be sanded, painted or covered
Cured foam is resistant to heat and cold.
Adheres to most building materials.
Expands 2 to 3 times its original size.

Product Information:

Packaging 12 oz. can, 12/carton. 20 oz. can, 12/carton
Color Light yellow
Shelf Life 18 months.
Storage Conditions Store in a cool, dry area. Do not expose to open flame or temperatures above120 °F (49 °C). Store at room temperature before use.
Density 1.10 lbs/ft3 (19.2 kg/m3) (ASTM D-1622)

Technical Information:

Compressive Strength 8.17 psi (56.2 kPa) - parallel to rise (ASTM 1621)
Tensile Strength 12 psi (83 kPa) - parallel to rise (ASTM 1623)
Dimensional Stability ± 5 % (ASTM 2126)
Resistance to fire Flame Spread: 25
Smoke Developed: 50(ASTM E84)
Service Temperature -200 °F to 240 °F (-29 °C to 93 °C)

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Application Information:

12oz can = 1/4" Spray (6 mm) =1,996 ft. (608 m)	20oz can = 1/4" Spray (6 mm) =3,317 ft. (1,011 m)
12oz can = 3/8" Spray (9 mm) =887 ft. (270 m)	20oz can = 3/8" Spray (9 mm) =1,474 ft. (499 m)
12oz can = 1/2" Spray (12 mm) =499 ft. (152 m)	20oz can = 1/2" Spray (12 mm) =829 ft. (253 m)

Application Instructions:

For the application of BC 805 P Foamall generally accepted rules of building and construction apply.
Substrate Preparation
Substrate must be clean, firm, free of loose particles and free of dust, grease, mold release agents. Protect surfaces not to be foamed. Shake can before using. For best results in cavities larger than 3 inches in diameter dampen substrate to supplement atmospheric pressure humidity in affecting consistent cure throughout applied foam

Application Method / Tools:

After following instruction for set-up, can is ready to use
The foam sealant flow can be metered by means of tilting the one piece straw adapter with the valve pointing downwards
By activating the adapter lever carefully, the extrusion rate can be regulated
Foam application can be interrupted when needed,
BC 805 P Foamis especially useful for irregular voids and on nonlinear cracks and crevices, as foam will expand up to 200 % during curing process
Filling excessively large cavities can result in a prolonged curing process
Also, insufficient air or substrate moisture during cure may cause delayed expansion.
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