

Technical Data for Illbruck Gun Foam

Description:

Illbruck Gun Foam is a versatile polyurethane foam in an aerosol can that can be used to fill, bond and seal. It both prevents heat loss and reduces air infiltration. Illbruck sealant has both acoustical and thermal properties.

Material:

Illbruck Gun Foam is a single component, expanding, moisture-curing polyurethane foam sealant. This green foam is UL classified with a Class 1 rating. Tested in accordance with ASTM E-72, it is class 1 fire rated.

Applications:

This versatile gun foam is used to fill, seal, and insulate joints, cracks, and cavities. The following applications are typical:

- Air Sealing
- As a drywall adhesive
- Partition walls with ceilings
- Seams between chimneys, roof protection, roof panels and wall panels
- Structural space between window and door frames
- Through penetrations around cables and pipes

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Physical Properties:

- Yield: 11 gallons freely foamed per can
- Density: .94 lbs/ft³-1.6 lbs/ft³
- Tack Free: 10 Minutes
- Cut Time: Can be cut in 45 minutes
- Fully cured: 24 hours
- Thermal Conductivity (R Value): 3.8-4.5 hr-degrees F-Sq.Ft.
- Compression Resistance: 27.6 PSI
- Temperature Resistance: 40-194 degrees long term
- Temperature Resistance: 40-266 degrees short term
- Shelf Life: 12 months when stored upright in dry environment
- Flame Spread: 5
- Smoke Development: 20

