



B2 HAND HELD EXPANDING FOAM

Revision Date: 20/02/2005

Page 1 of 2

Technical Data

| | |
|-------------------------------|---|
| Base | Polyurethane |
| Consistency | Stable Foam, Thixotropic |
| Curing system | Moisture Cure |
| Skin Formation (20°C/65%R.H.) | Ca. 8 minutes (20°C//65% R.H.) |
| Drying Time (20°C/65%R.H.) | Dust free after 20-25 minutes at 20°C |
| Curing Rate (20°C/65%R.H.) | 1 Hour for 30mm bead (20°C//65% R.H.) |
| Yield | 1000ml yields 35-40 L cured foam |
| Shrink | None |
| Post expansion | None |
| Cellular Structure | Ca. 70-80% closed cells |
| Specific Gravity | Ca. 27kg/m ³ (extruded, fully cured) |
| Temperature Resistance | -40°C to +90°C when cured |
| Colour | Champagne |
| Fire Class (DIN4102 Part2) | B2 |
| Insulation Factor | Ca. 30 mW/m. K |
| Shear Strength (DIN53427) | 12 N/cm ² |
| Pressure Strength (DIN534210) | 3 N/cm ² |
| Bowing Strength (DIN53423) | 7 N/cm ² |
| Water Absorption (DIN53429) | 1% Vol. |
| Acoustic Rating | R _{ST,W} = 58dB |

Product

JCP Gun Grade B2 Foam with CFC free propellant is a one component, self-expanding, ready to use polyurethane foam. It contains CFC free propellants which are completely harmless to the ozone layer. It has a firing rating to B2 (DIN 4102-Part 2) and has been tested and approved for sound proofing by "ift Rosenheim"

Application Areas

Installing of window and door frames.
 Filling of cavities
 Sealing of all openings in roof construction
 Creation of a soundproof screen
 Sealing around pipes and cables
 Improving thermal insulation in cooling systems

Characteristics

- Excellent adhesion on most substrates (except PE, PP and Teflon)
- High thermal and acoustic insulation
- Very good filling capacities
- Excellent mounting capacities
- Excellent stability (no shrink or post expansion)

Packaging

Aerosol can 750ml net

Shelf Life

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

Comments: The content of this document is as a result of information supplied to us and is issued in good faith. Because of the diversity of the materials and substrates and the number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended that a trial application is made.



B2 HAND HELD EXPANDING FOAM

Revision Date: 20/02/2005

Page 2 of 2

Application

Shake the aerosol can for at least 20 seconds. Screw the nozzle on the valve. Moisten surfaces with a water spray prior to application. Fill holes and cavities for 50%, as the foam will expand. Repeat shaking during application. If several layers are required repeat moistening with water between each layer. Fresh foam can be removed using JCP Polyurethane Cleaner or acetone. Cured foam can only be removed mechanically. Working temperature +5°C to +35°C. (+20°C to +25°C recommended)

Health and Safety recommendations

- Apply the usual industrial hygiene
- Wear gloves and safety goggles
- Removed cured foam by mechanical means only, never burn away.
- Consult the label for more information

Remarks

- Work in layers and moisten after each layer
- Cured PU-foam must be protected from UV-radiation by painting or applying a layer of sealant (silicone, MS Polymer, acrylic and PU sealant)

Approvals

- Fire Rating B2: Prüfzeugnis P-SAC 02/1V-010, MFPA Leipzig
- Prüfzeugnis Nr167 18612 to DIN 52210 "Fugenschalldämmung", ift Rosenheim

Comments: The content of this document is as a result of information supplied to us and is issued in good faith. Because of the diversity of the materials and substrates and the number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended that a trial application is made.