



HB42® Ultimate LXP B1 Fire Foam

TECHNICAL DATA SHEET

HB42 Ultimate LXP B1 Fire Foam

Section 1: identification of the mixture and of the company

Trade Name: HB42 Ultimate LXP PU Foam

HB42 Ultimate LXP B1 Fire Rated Polyurethane Foam is DIN 4102 B1 class certificated. A self-extinguishing, moisture-curing polyurethane foam, it has excellent fire-resistant characteristics which is recommended for sealing applications where fire resistance is required. LXP B1 Fire Rated Polyurethane Foam has excellent adhesion and filling properties offering multi-purpose usage possibilities.

Section 2: Technical Data

Chemical Basis: Polyurethane

Color: Light yellow

Tack free time: 6±2 min. (FEICA TM 1014)

Cutting time: 45-60 min (FEICA TM 1005)

Density: 25±3 kg/m³ (FEICA TM 1019:2014)

Shrinkage: %5 ±2 (FEICA TM 1004)

Post expansion: %200-250 (FEICA TM 1010:2016)

Yield (850 gr): 25 -35lt (ASTM C1536)

Fire Class: B1 (DIN4102)

Can Temperature: +5°C to +30°C

Application Temperature: +5°C to +30°C

Section 3: Applications

Perfect for fixing door and window frames, filling and insulating cracks or gaps, for general adhering purpose, and insulating surroundings of heater cores, electric wires, hot or cold-water pipes
Start/Stop Valve (Maximum 5 presses)

- The foam can should be at ambient room temperature (5°C - 30°C). Apply the foam at ambient temperatures.
 - Shake the can rapidly before use. Turn the can upside down and place the straw on the valve and squeeze it by turning it.
 - Pull the straw trigger in order to spray the foam out of the can.
 - Consider that the foam will expand during curing.



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Section 3: Packaging

It is presented in 750 ml/850 gr cans.

Section 4: Storage

18 months after the production date with the storage conditions: 5°C - 30°C and maximum humidity of 50%

Section 6: Warnings/ Safety Precautions

Use personal protective equipment. Keep children away. Provide ventilation. Keep away from igniting sources

Use nitrile gloves and protective glass during handling.

Ensure good ventilation at the workplace.

Do not spray onto a naked flame or any incandescent material.

Keep away from sources of ignition.

Protect against electrostatic charges.

Remove the foam contaminated skin with a clean, dry tissue and clean up with a soft solvent and water, respectively. Use moisturizer in case of irritation.

If in contact with eyes, consult with a doctor.

Aerosols may explode during burning. Organically structured foam will burn where about heat, oxygen and igniting sources.

Isocyanate vapors and other irritating or toxic gases may occur during inflammation. In case of exposure to heat the extremely dangerous combustion products like oxides of carbon and nitrogen may occur.

Do not smoke. Do not burn or drill the can even it is empty..

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to assess the suitability of the product on a test area before application.



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Date of issue: 25th January 2019

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