# **Technical Data Sheet**





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# MPU Polyurethane Foam

MPU is a single part, self-expanding polyurethane foam provided in convenient aerosol packaging. MPU quickly cures to form a tough waterproof layer and is a light yellow colour.

- Excellent adhesion; ideal for filling and sealing spaces around cables, window frames, pipe ducts
- Very good thermal and acoustic insulation
- High filling output: 1 litre gives between 35 and 40 litres of foam
- No shrinkage or post expansion

## **Typical Properties**

Hardening system Cellular structure

Skin formation (20°C, 60% RH) Surface drying time (20°C, 60% RH) Polymerisation speed (20°C, 60% RH)

Output

Density (kg/m<sup>3</sup>)

Temperature range (°C)

Type of foam

Fire resistance (DIN 4102 Part 2) Insulating factor (lambda/Kcal/m.h.°C) Resistance to pressure (DIN 53421/ N/cm²) Bending strength (DIN 53423/ N/cm²)

Tensile strength (N/cm²)

Water absorption (DIN 53423)

Water-vapour permeability (DIN 53429/ g/m²)

Shelf life

Polymerisation by atmospheric humidity

70 - 80% closed cells

8 minutes 20-25 minutes

3 hours for a 5cm strip

1 litre gives between 35 and 40 litres foam

25

-40°C to +90 Thixotropic

B3 0.032 4 7 17

1% by volume 70 in 24h

12 months stored in cool conditions

DescriptionPackagingOrder CodeShelf LifePolyurethane Foam500ml aerosolMPU50012 Months

#### **Directions for Use**

The surfaces must be clean and free of dust and grease. MPU adheres well to most substrates. Adhesion, polymerisation and cellular structure are improved if the substrates are moistened slightly prior to application. Shake the can vigorously before use. Only apply within the range of +5°C to +30°C. Invert can and dispense a small volume of propellant to clear nozzle after use.

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