

# POLYURETHANE FOAM

Product Code: MPU

## PRODUCT DESCRIPTION

**MPU** is a one-part polyurethane foam provided in convenient aerosol packaging. Self-expanding and ready to use, **MPU** quickly cures to form a tough waterproof layer. **MPU** is a light yellow colour.

The main application for this product is to fill and seal spaces around cables, window frames, pipe ducts and other cavities. The material provides good thermal and acoustic insulation.

## CHARACTERISTICS:

- \* Excellent adhesion
- \* Very good thermal and acoustic insulation
- \* High filling output (1 litre gives between 35 and 40 litres of foam)
- \* No shrinkage or post expansion

## PREPARATION & APPLICATION

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.

## TYPICAL PROPERTIES:

Hardening system:	Polymerisation by atmospheric humidity
Skin formation:	8 minutes (20°C & 60% relative humidity)
Surface drying time:	20-25 minutes (20°C & 60% relative humidity)
Polymerisation speed:	3 hours for a 5cm strip (20°C & 60% RH)
Output:	1 litre gives between 35 and 40 litres foam

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Properties are given as a guide only and should not be taken as a specification.

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Cellular structure:	70 - 80% closed cells
Density:	25 kg/m <sup>3</sup>
Temperature Range:	-40°C to +90°C
Type of foam:	Thixotropic
Fire resistance:	(DIN 4102 Part 2) B3
Insulating factor (lambda):	0.032 Kcal/m.h.°C
Resistance to pressure:	(DIN 53421) 4N/cm <sup>2</sup>
Bending strength:	(DIN 53423) 7N/cm <sup>2</sup>
Tensile strength:	17 N/cm <sup>2</sup>
Water absorption:	(DIN 53423) 1% volume
Water-vapour permeability:	(DIN 53429: 70g/m <sup>2</sup> / 24h
Shelf life:	12 months stored in cool conditions

### PACKAGING

500 ml net aerosol

### ORDER CODE

MPU500

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