

D-2



Polyurethane foam



PROPERTIES

One component, polyurethane foam, with high adhesive strength as well as high thermal and sound insulation capacity. It cures by reacting with humidity, providing multiple solutions to various sealing problems in construction. Distinguished for its high adhesion and its ability to secure all building materials after its complete cure. It provides high filling capability and powerful anchoring. Available in light green (color).

APPLICATIONS

DUROSTICK D-2 polyurethane foam is ideal for mounting and securing door and window frames. It seals partition walls to floors and ceilings, it mounts insulation panels and electrical junction boxes. It fills voids around cable and piping penetrations through walls and floors. It is suitable for sealing roof openings as well as insulation material gaps.

Use it also to create sound proof layers.

USE

1. Surface preparation

Surfaces must be sound and free of loose materials, oils or grease. Where necessary, protect the adjacent areas with masking tape. Continue by soaking the surfaces lightly, so they are moist before applying the product.

2. Application

Shake the D-2 container before application. Press the valve, holding the bottle upright. Apply the product starting from the deepest point. When dealing with openings greater than 5cm (width and depth), it is recommended to fill them with successive layers. Apply a coat every 15-30 minutes, making sure to lightly soak the previous coat, before applying the next one. Remove all residues with a knife, after the product hardens. Surfaces can be spackled or painted after 24 hours.

Clean the valve with acetone, immediately after use. If the product will be used within 15 minutes, it is not necessary to clean the valve. When the product is not used all at once, after cleaning the valve, insert a damp match at the end of the valve until the next time of use.

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CLEANING

Still fresh foam residues can be cleaned using acetone or white spirit.

CONSUMPTION

750ml yields 40lt of foam

JOINT RATIO PER APPLICATION

For every joint dimension, use the product to fill 50% - 60% of their total volume. After expanding, the foam will seal the joint completely.

JOINT WIDTH	MAXIMUM DEPTH JOINT
10mm	80mm
20mm	60mm
30mm	40mm
40mm	30mm

STORAGE

Store in shaded places, away from any heat source, for at least 18 months from production date.

SAFETY DIRECTIONS

The product is classified as harmful and highly flammable. It is recommended to keep it locked, away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

PACKAGING

- Carton box with 12 cans of 300ml each on
- Carton box with 12 cans of 750ml each one

TECHNICAL SPECIFICATIONS

Base	Polyurethane
Chlorofluorocarbon/CFC-free propellants	
Application temperature	From +5°C to +35°C
Can temperature	Minimum +5°C
Temperature resistance	From -40°C to +90°C
Density (after hardening)	20-30 kg/m ³
Touch dry	8-12 minutes
Time for foam trimming	60-100 minutes
Full curing time	4-24 hours
Closed cells	Approximately 70%
Insulation rating	30-35 MW (M.K.)
Fire resistance classification	Class B3 per DIN 4102-1
Soundproofing	RSTW=58 dB per DIN 52210
Non toxic after hardening	

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