

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 anchor building materials after its complete cure. It provides high filling capability and powerful anchoring. Paintable with water-soluble paints

■ APPLICATIONS

DUROSTICK D-2 polyurethane foam is ideal for mounting and placing 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 thermal insulation 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 container well before the application. Press the valve, holding the bottle upside down. Begin the application 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 one, and

D-2



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before applying the next one. Remove all residues with a razor blade, after the product hardens. Surfaces can be filled or painted after 24 hours. Clean the valve with acetone, immediately after use. If the product will be used within the next 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.

■ CLEANING

Fresh/uncured foam residues can be cleaned using acetone or white spirit.

■ CONSUMPTION

750ml yields 40lt of loose foam.

■ STORAGE

Store in shaded places, away from any heat source, for 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 Safety Data Sheet.

■ PACKAGING

Carton box with 12 cans of 300ml each one
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 -55°C to +100°C
■ Density (after hardening)	23-35kg/m ³
■ Touch dry	After 5 minutes
■ Time for foam trimming	After 60 minutes
■ Full curing time	4-24 hours
■ Fire resistance classification	Class B3 per DIN 4102-1

JOINT RATIO PER APPLICATION	
JOINT WIDTH	MAXIMUM DEPTH JOINT
10mm	80mm
20mm	60mm
30mm	40mm
40mm	30mm

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

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The technical specifications and directions of use contained in this technical data sheet are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.