

PU foam 2-in-1

Technical Data Sheet

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Product name: PU foam 2-in-1
Sales code: 32516

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Replaces: 1.1

Section 1: General description

Mono component PU foam which expands and hardens with ambient humidity. Professional quality, convenient for all common used substrates in constructions.

The aerosol has a remarkable valve system that allows manual application as well as the use of an application gun. Restricted to professional users.

Section 2: Features

- Appropriate for sealing, insulating, filling and fixing.
- Excellent adhesion to all common construction materials.
- The cured foam can be either covered with a filler-primer or straight painted.
- Manual application for the filling of cavities.
- The aerosol fits on an application gun for precise dosing application.
- Expands 2 to 3 times the applied volume.
- Excellent thermal and acoustic insulation properties.

Section 3: Applications

- Filling of all kind of cavities in a building construction.
- Insulation of conduits
- Thermal and acoustic insulations
- Fixation of building components.
- Production of scale-models.

Section 4: Directions

As of 24 August 2023, adequate training is required before industrial or professional use of this product. Follow the mandatory EU training: <https://www.safeusediisocyanates.eu/>

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Manual use:

- Shake well.
- Click/turn the manual dispensing tube with trigger, on the valve: place the wings against the openings on the valve. While pushing slightly, turn a quarter turn. Press short to position the tube well on the valve.
- Humidify the surfaces to be treated slightly.
- Hold the can upside down. Place a finger on the trigger, on each side of the dispensing tube and activate by pressing the trigger straight down on the can (do not tilt)
- Once activated, the can might be used in all positions.

Use with the application gun:

- Shake well.
- Screw the aerosol on the gun.
- Humidify the surfaces to be treated slightly.
- Regulate the flow rate with the throttling nut on the gun.
- After removal of an empty aerosol, clean the gun with CRC PU Foam Cleaner.

Note: Clean spoilage of non cured product immediately with CRC PU Foam Cleaner. Cured product only allows mechanical removal.

A safety data sheet (MSDS) according to EU directive 91/155/EEC and amendments is available for all CRC products.

Section 5: Typical product data (without propellant)

Color	: GreenFire reaction class	: B3	DIN 4102-1
Ambient application temperature	: -10°C to +35°C		
Maximal gap filling	: manual 60%		
	with application gun 80%		
Drying time	: to touch 10 min	FEICA TM 1014	
	to be cut 45 min	FEICA TM 1005	
Expanded volume	: a 500 ml aerosol produces	FEICA TM 1003	
	23 liters when applied manual		
	30 liters when applied with a gun		
Thermal conductivity	: 0,036 W/m.K	EN 12667	
Tensile strength	: applied manual : 107 kPa	ISO 527	
	applied by gun : 76 kPa		
Temperature resistance	: permanent -40°C to +90°C		
	temporarily -40°C to 130°C		



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Conservation and storage

: At a temperature between 5°C and 25°C
Straight up, 18 months in the original closed
packaging in a fresh and dry environment.

Section 6: Packaging

Aerosol 12x500 ML

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