

PU Foam Flex 2-in-1

Technical Data Sheet

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Product name: PU Foam Flex 2-in-1
Sales code: 32517

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Section 1: General description

Mono component PU foam which expands and hardens with ambient humidity. This foam has a low post expansion and high elasticity. 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

- High degree of elasticity.(till 35% deformation)
- Appropriate for sealing, insulating, filling and fixing.
- Excellent adhesion to all common construction materials.
- Exercises limited pressure on the supports
- Manual application for the filling of cavities.
- The aerosol fits on an application gun for precise dosing application.
- Excellent thermal and acoustic insulation properties.

Section 3: Applications

- Filling of all kind of cavities in a building construction.
- Thermal and acoustic insulations
- Fixation of building components.
- Filling of joints, subject to movement of dilatation.

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 (do not tilt).
- After a firm initial actuation of the aerosol, it is possible to use it 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	: white	
Fire reaction class	: B3	DIN 4102-1
Ambient application temperature	: -3°C to +35°C	
Maximal gap filling	: manual: 90%	
	with application gun: 80%	
Drying time	: to touch 10 min	FEICA TM 1014
	to be cut 45 min to 60 min	FEICA TM 1005
	full curing : 24 jours	
Expanded volume	: a 750 ml aerosol produces	FEICA TM 1003
	32 liters when applied manual	
	40 liters when applied with a gun	
Thermal conductivity	: 0,036 W/m.K	EN 12667
Tensile strength	: applied manual : 70 kPa	ISO 527
	applied by gun : 65 kPa	
Elongation at break	: applied manual : 45 %	ISO 527



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Maximum deformation	applied by gun : 50 % : applied manual : 30 %
Temperature resistance	applied by gun : 35 % : permanent -40°C to +90°C temporarily -40°C to 130°C
Conservation and storage	: At a temperature between 5°C and 25°C Straight up, 12 months in the original closed packaging in a fresh and dry environment.

Section 6: Packaging

Aerosol 12x500 ML

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied. This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.