



One-component, ready to use polyurethane strawfoam for various building applications, e.g. filling of holes, sealing of joints and penetrations, thermal and acoustic insulating. The foam has good volume expansion for effective filling. Very good gluing properties allow it to be used for gluing window sills and sidings, plasterboard details etc. FOAMFLO® F750 adheres well to most materials like wood, concrete, stone, plaster, metal, PVC and polystyrene.

MAIN BENEFITS

- Good volume expansion for effective filling
- Very good gluing properties
- High thermal and acoustic insulation value
- Stable dimensions when cured
- Available in manual straw delivery system

FIELDS OF APPLICATION

- Sealing of window and door frames.
- Sealing of all openings in roof constructions.
- Sealing of cable and pipe penetrations.
- Creation of a sound-proof screen.
- Bonding of insulation materials.
- Application of sound-deadening layers.
- Improving thermal insulation in cold store areas.
- Sealing of air conditioning penetrations.
- Filling of holes
- Insulation of penetrations
- Gluing window sills and sidings, plasterboard details etc.

- Sealing of thermal and acoustic insulation boards
- Sealing and connection of joints
- Reducing the impact of thermal bridges

APPLICATION INSTRUCTION

Application temperature

Air temperature during use:
+5°C to +30°C, best results at +20°C.
Can temperature during application:
+5°C to +25°C, best results at +20°C.

Surface preparation

Remove dust, loose particles and grease from the surface. Moisten dry substrates to ensure better results. Protect adjacent surfaces with paper, plastic film or other suitable material.

APPLICATION METHOD

Hold the foam can in upright position. Screw the applicator (straw) to the foam can valve. Shake the can vigorously at least 20 times. For application, turn the can upside down and press the applicator trigger. Use the applicator trigger to adjust the foam output.

When applying foam in layers moisten slightly between each layer.

CLEANING

Uncured foam can be removed with ICCONS FOAMFLO® CLEANER, cured foam can only be removed via mechanical means.

Part No.	Description	qty	qty
F750	750mL - FoamFlo® one-component polyurethane foam straw nozzle manual delivery system	1	12





TECHNICAL DATA

Properties	Value	Unit
Tack free time (TM 1014)	8-12	min
Cutting time (TM 1005)	<45	min
Completely cured in joint, 3x5cm (+23 °C)	<16	h
Curing pressure (TM 1009, moistened surfaces)	<4,5	kPa
Post expansion (TM 1010)	<150	%
Density in joint, 3x10cm (WGM106)	21-25	kg/m ³
Dimensional stability (TM 1004)	<2	%
Temperature resistance of cured foam	-50...+90	°C
Fire class of cured foam (DIN 4102-1)	B3	
Tensile strength / elongation (TM 1018, dry surfaces)	>100 / 19	kPa / %
Tensile strength / elongation (TM 1018, moistened surfaces)	>130 / 19	kPa / %
Compression strength (TM 1011, moistened surfaces)	>35	kPa
Shear strength (TM 1012, moistened surfaces)	>55	kPa
Thermal conductivity (EN 12667, TM 1020)	0,033	W/(m·K)
Sound reduction index R _{st,w} (EN ISO 10140)	62	dB
Water vapour permeability (EN 12086)	0,038	mg/(m·h·Pa)
Foam yield in joint, 3x5 cm (WGM107), per 750 ml filling rate	9	m
Foam yield (TM 1003), per 750 ml filling rate	32	l

The values specified were obtained at +23 °C and 50% relative humidity, unless otherwise specified. These values may vary depending on environmental factors such as temperature, moisture and type of substrates.

STORAGE AND SHELF-LIFE

Shelf life is 12 months from production date if stored in unopened packaging in a cool and dry place at +5°C to +30°C.

The foam cans must not be stored above +50 °C, nearby heat sources or in direct sunlight. Store and transport in a vertical position.

LIMITATIONS

The foam does not adhere to Teflon, polyethylene and silicon surfaces. Cured foam is sensitive to UV-light and direct sunlight and therefore must be covered with suitable opaque sealant, filler, paint or other material.

Lighter construction elements must be firmly fixed before application of the foam due to formula's high post expansion.

SAFETY REGULATIONS

Use only in well-ventilated areas. Do not smoke during application! Use protective gear when necessary. Keep out of the reach of children.

See label and safety data sheet (SDS) for more information.

Note: Information presented in this documentation is based on testing carried out by the manufacturer and is presented in good faith. Due to variations in materials and substrates as well as the various application possibilities that are beyond our control, the manufacturer is not liable for results achieved. In any case, it is recommended to test the product suitability at the place of application. Manufacturer reserves the right to modify its products without prior notice.