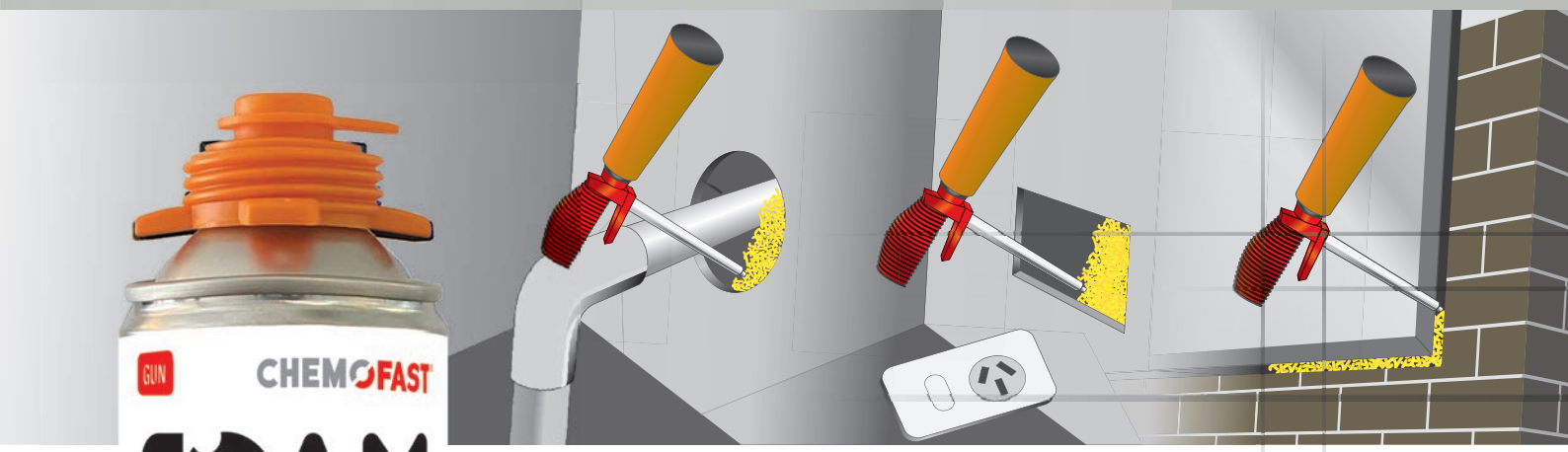
FOAMFLO® FT750

ONE-COMPONENT POLYURETHANE FOAM - FT750 - **HIGH YIELD GUN FOAM**

TDS | 2023.1



One-component, ready to use polyurethane gun foam for various building applications, e.g. sealing of joints and penetrations, installation of window and door frames, thermal and acoustic insulating. High yield allows for more work with one can. Low curing pressure and moderate post expansion prevents deformation of building elements. FOAMFLO® FT750 adheres well to most materials like wood, concrete, stone, plaster, metal, PVC and polystyrene.

MAIN BENEFITS

- High yield allows for more work with one can
- Suitable for use in higher temperatures, up to +40 °C
- Low curing pressure and moderate post expansion avoids deformation of building elements
- High thermal and acoustic insulation value

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 +40°C, best results at +20°C.

Can temperature during application:
+5°C to +35°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

Shake the can vigorously at least 20 times. Hold the foam can in upright position, screw the gun onto the can by holding the gun handle with one hand and turning the can with the other hand. Make sure that the gun is not pointed at other people when attaching it. The can must not be screwed onto the gun with the valve upside down or by turning the gun on the can. Turn the can upside down and start applying. The foam output can be adjusted by the gun trigger. When applying foam in layers moisten slightly between each layer.

Part No.	Description	qty	qty
FT750	750mL - FoamFlo® one-component polyurethane foam for tool delivery system	1	12

TECHNICAL DATA

Properties	Value	Unit
Tack free time (TM 1014)	6-10	min
Cutting time (TM 1005)	<30	min
Completely cured in joint, 3x5cm (+23 °C)	<8	h
Curing pressure (TM 1009, moistened surfaces)	<2	kPa
Post expansion (TM 1010)	<80	%
Density in joint, 3x10cm (WGM106)	12-16	kg/m3
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)	>85 / 16	kPa / %
Tensile strength / elongation (TM 1018, moistened surfaces)	>95 / 13	kPa / %
Compression strength (TM 1011, moistened surfaces)	>25	kPa
Shear strength (TM 1012, moistened surfaces)	>35	kPa
Thermal conductivity (EN 12667, TM 1020)	0,033	W/(m·K)
Sound reduction index Rst,w (EN ISO 10140)	62	dB
Water vapour permeability (EN 12086)	<0,06	mg/(m·h·Pa)
Foam yield in joint, 3x5 cm (WGM107), per 750 ml filling rate	20	m
Foam yield (TM 1003), per 750 ml filling rate	55	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.

CLEANING

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

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.

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.