



ICCONS® FOAMFLO® with CFC-free propellant is a one-component, self expanding, ready-to-use polyurethane foam which is completely harmless to the ozone layer.

Characteristics:

- Available in tool or manual straw delivery systems.
- Excellent adhesion on most substrates (except Teflon, PE and PP).
- High thermal and acoustical insulation.
- Very good filling characteristics.
- Excellent mounting capacities.
- Excellent stability (no shrink or post expansion).

General Applications:

- 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 area's.
- Sealing of air conditioning penetrations.

Application:

Shake the aerosol can for at least 20 seconds. For FOAMFLO®F750 fit the supplied adapter on the valve, for FOAMFLO® FT750 fit to dispensing tool (sold separately). Moisten surfaces with a water sprayer prior to application. During application hold can upside down, remove pressure from the applicator/ tool to stop the flow. Fill holes and cavities to 50%, as the foam will expand. Repeat shaking regularly during application. If you have to work in layers repeat moistening after each layer. Fresh foam can be removed using ICCONS® FOAMFLO®CLEANER or acetone. Cured foam can only be removed mechanically. Working temperature 5°C to 35°C. (20°C-25°C recommended).

Technical properties

Basis	Polyurethane
Colour	Champagne
Consistency	Stable foam, thixotropic
Curing system	Moisture curing
Skin Formation (FEICA TM 1014)	8 min
Cutting Time (FEICA TM 1005)	30 min
Free foamed density (FEICA TM 1019)	Ca. 29 kg/m ³
Sound insulation (EN ISO 717-1)	58 dB
Thermal conductivity (FEICA TM 1020)	29,7 mW/m.K
Box Yield (FEICA TM 1003)	750 ml yields ca. 29 l of foam
Joint Yield (FEICA TM 1002)	750 ml yields ca. 20 m of foam
Shrinkage after curing (FEICA TM 1004)	< 2 %
Expansion after curing (FEICA TM 1004)	< 2 %
Expansion during curing (FEICA TM 1010)	Ca. 141 %
Percentage closed cells (ISO4590)	Ca. 7 %
Reaction to fire classification (EN 13501-1)	No fire classification (F)
Compressive strength (FEICA TM 1011)	Ca. 21 kPa
Shear strength (FEICA TM 1012)	Ca. 52 kPa
Tensile Strength (FEICA TM 1014)	Ca. 77 kPa
Elongation at Fmax (FEICA TM 1014)	Ca. 14,7 %
Temperature resistance	-40 °C till +90 °C (cured)

Note: ICCONS uses test methods approved by FEICA designed to deliver transparent and reproducible test results, ensuring customers have an accurate representation of product performance. FEICA OCF test methods are available at: <http://www.feica.com/our-industry/pu-foam-technology-ocf>. FEICA is a multinational association representing the European adhesive and sealant industry, including one-component foam manufacturers. Further information at: www.feica.eu

Remark: This technical data sheet replaces all previous versions. The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. Since the design, the quality of the substrate and processing conditions are beyond our control, no liability under this publication is accepted. In every case it is recommended to carry out preliminary experiments. ICCONS reserves the right to modify products without prior notice.

Shelf life and storage:

- 18 months unopened and stored in dry and cool conditions (Between 5 and 25 °C), Upright storage is recommended
- Always store can with the valve pointed upwards.

Health and safety recommendation:

- Apply the usual industrial hygiene.
- Wear gloves and safety goggles.
- Remove cured foam by mechanical means only, never burn away.
- Consult the label for more information.

Remarks:

- Cured PU-foam must be protected from UV radiation by painting or applying a top layer of sealant (silicone, MS Polymer, acrylic or PU sealant).