

TECHNICAL DATA SHEET

Date: 18 July 2018
Version: 1002
Pages: 2

Arc Gun Grade Foam

Technical Data

Basis:	Polyurethane
Consistency:	Stable foam, thixotropic
Curing system:	Moisture curing
Skin Formation:	(FEICA TM 1014) 7 min
Cutting Time:	(FEICA TM 1005) 25 min
Density:	Ca. 17 kg/m ³
Sound insulation:	(EN ISO 717-1) 58 dB
Insulation factor:	(DIN52612) 35 mW/m.K
Curing time:	1 hour for a 30 mm bead at 20 °C
Box Yield:	(FEICA TM 1003) 750 ml yields ca. 37 l of foam
Joint Yield:	(FEICA TM 1002) 750 ml yields ca. 26 m of foam
Shrinkage:	(FEICA TM 1004) < 3 %
Post-expansion:	(FEICA TM 1004) < 1 %
Cellular Structure:	Ca. 70 % closed cells
Fire rating:	(DIN4102) B3
Compressive strength:	(FEICA TM 1011) Ca. 3,0 N/cm ²
Shear strength:	(FEICA TM 1012) Ca. 4,0 N/cm ²
Water absorption:	1 % volume
Temperature resistance:	-40 °C till +90 °C (cured)

Description

Arc Gun Grade Foam is a one component, self-expanding, ready to use polyurethane foam, which contains propellants which are not harmful to the ozone layer and where the canister is provided with a thread so it can be used on a gun.

Properties

Excellent stability (no shrinkage or post expansion) - High filling capacity - Good adhesion on all surfaces (except PE, PP and PTFE) - High insulation value, thermal and acoustic - Very good bonding properties

Applications

Installing of window and door frames. Filling of cavities. Sealing of all openings in roof constructions. Apply of an acoustic baffle. Improving thermal isolation in cooling systems.

Packaging

Colour: champagne
Packaging: 750 ml

Shelf life

12 months unopened and stored in dry and cool conditions, Upright storage is always recommended.

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Application method

Shake the aerosol can for at least 20 seconds. Fit the gun on the adapter. Surface should be free from grease and dust. Moisten surfaces with a water sprayer prior to application. For non-conventional substrates a preliminary adhesion test is recommended. Fill holes and cavities for 65 %, 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 Arc Foam Cleaner or acetone.

Cured foam can only be removed mechanically.

Can temperature: +5 °C - 30 °C

Ambient temperature: +5 °C - 30 °C.

Surface temperature: +5 °C - 35 °C

Health and Safety Recommendations

Take the usual labour hygiene into account.

Always wear gloves and goggles.

Remove cured foam mechanically. Never burn away.

Consult label and material safety data sheet for more information.

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