

**Product Code:** SXFLAMEFF700HAND

**Description:** Fire Retardant Hand Held Expanding Foam



**Benefits**

- High quality
- Fire retarding quality - EN 1366-4 tested and approved
- Up to 240 minutes in combination with other products

**Application**

For construction elements where advanced fire security standards are required. Filling - large, irregular or awkward gaps where the foam will expand to completely fill the cavity. Fixing - window frames, loose tiles and boards. Insulating - between brickwork and cladding, around ductwork and through cavities carrying pipes and cables. Backing - in low expanding joints; can be used as a backing material in all types of sealant applications.

**Directions Of Use**

It is important to moisten surfaces slightly before use as this improves adhesion and finished cell structure of the foam. Shake the can prior to use at least 30 times. Turn the can of foam upside down and fix onto the applicator gun ensuring the threads are lined up. We recommend SX PU Foam Applicator Gun is used. To regulate the flow of the foam, loosen the valve at the back of the handle. Only use in temperatures of +5°C to +35°C. Half fill the cavity and lightly spray the foam with water. The foam will expand to fill the rest. When fixing window frames, use wedges to hold the frame in place for approximately 24 hours, until the foam is fully cured. Normally the foam applicator gun should be left attached to a can of foam to ensure that the entire system is closed. To reuse, simply break off the nib of foam at the end of the gun applicator nozzle, shake can well and start application. Before replacing cans, close the gun valve and unscrew empty can.

**Limitations**

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates  
Not suitable for permanent water load. Not suitable for use (eg. filling) in cavities with insufficient moisture

**Paintability**

This product can be painted when cured.

**Cleaning**

Attach a can of SX PU Foam Cleaner and press the trigger several times until all the residual foam dissolves. Never leave the foam gun applicator separated from a can of foam without immediately cleaning the gun thoroughly. Always clean the foam applicator gun thoroughly before storing. Do not use a metal hammer to release the can from the gun adaptor thread. If necessary, tap gently with a nylon hammer. Do not attempt DIY repairs to the gun. Cured foam can only be removed mechanically.

**Additional Information**

Application Temperature		+5°C to +35°C
Base		Polyurethane
Curing Time		100 - 120 minutes
Closed Cells		± 70%
Specific Gravity		20 - 30 kg/m <sup>3</sup>
Cutting Time	FEICA TM1005	60 - 80 minutes
Yield	FEICA TM1003	750 ml = 25-30 litre
Fire Behaviour		B1
Temperature Resistance		-40°C to +90°C
Tack Free Time		10-15 minutes
Thermal Conductivity		30-35 mW/m.K

These values are typical properties and may vary +/-3%

