



FFX X-PAND B3 PU FOAM TECHNICAL DATA SHEET

FFX X-PAND B3 MULTI-PURPOSE GUN FOAM (HH0119123240)

1 – DESCRIPTION

FFX X-PAND MULTI PURPOSE PU GUN FOAM is single-component PU foam used with an applicator gun and features higher yield, easier application and reusability. It does not contain any propellant gases which are harmful to the ozone layer.

2 – PROPERTIES

- Excellent adhesion & filling capacity and high thermal & acoustical insulation value.
- Economical consumption thanks to precise application.
- High yield up to 45 litres depending on temperature and humidity.
- Conforms to fire class B3 according to DIN 4102-1.
- Mould and water resistant.
- Once cured, it can be painted, cut, and trimmed.

3 - APPLICATIONS

- Fixing and insulating of door and window frames.
- Filling and sealing of gaps, joints and cavities.
- Filling of penetrations in walls.
- Insulating electrical outlets and water pipes.
- Soundproofing and sealing partition walls.
- Bonding of insulation materials.
- Multi-Purpose, adhesion and fixation.

4 - INSTRUCTIONS

- Application surfaces must be free from dust and grease.
- Application temperature should be between +5 °C and +30 °C.
- To get the best result, the temperature of the can and the room temperature should be between +20°C and +25 °C.
- Shake can 20-30 times until foam is liquid.
- Screw the can onto an applicator gun.
- Always keep the can upside down during use.
- Foam output can be regulated with the trigger and controlled with the adjustment screw on the back of the gun.
- Fill holes and cavities partially as the foam will expand.
- Moistening the surfaces before and after the application ensures faster curing and increase the bonding strength.
- Fresh foam can be removed using FFX Foam Cleaner. Cured foam can only be removed mechanically.



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5- PACKAGING

Product	Weight	Package
FFX X-PAND B3 MULTI PURPOSE PU GUN FOAM	Gw.850 gr. [750ml]	12

6- STORAGE AND SHELF LIFE

- 15 months if stored properly.

7- RESTRICTIONS

- Storage above +25 °C and below +5 °C shortens shelf life.
- Should be stored and transported in vertical position.
- For best results should be kept at room temperature for at least 12 hours before use.
- Cured foam will discolour if exposed to ultraviolet light.
- Paint or coat the cured foam for best results in outdoor applications.
- Lower temperatures decreases yield and curing time.

8- SAFETY (for full details refer to MSDS)

- Contains Diphenylmethane-4,4'-Diisocyanate.
- Irritating to eyes, respiratory system and skin.
- Harmful by inhalation.
- Do not breathe spray/vapour. Use only in well-ventilated areas.
- Wear suitable protective clothing and gloves.
- Pressurized container
- Keep away from direct sunlight and do not expose temperatures over 50 °C.
- Do not pierce or burn [even after use]
- Keep away from sources of ignition.
- Do not smoke
- Keep out of the reach of children.



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9- TECHNICAL PROPERTIES

Basis	: Polyurethane Prepolymer	
Curing System	: Moisture cure	
Specific Gravity	: 19±3 Kg/ m ³	(ASTM D1622)
	: 6±2min	(ASTM C1620)
Cutting Time (1cm width)	: 20-45 min	(ASTM C1620)
Cure-Time	: 24 hours	
Foam Colour	: Light yellow	
Yield	: 30-45 L	(ASTM C1536)
Fire Class of the Cured Foam	: B3	(DIN 4102-1)
Thermal Conductivity	: 0,036 W/m.K (at 20°C)	(DIN 52612)
Compression Strength	: 0,03 MPa	(DIN 53421)
Dimensional stability	: ±10%	(ISO2796/86)
Water penetration	: 0	(ISO2896-87)
Water Absorption	: max. 1 vol%	(DIN 53428)
Can Temperature	: min.5°C max. +30°C	
Temperature Resistance	: -40°C to +80°C	
Application Temperature	: -2°C to +30°C	

The results were obtained by providing optimum environmental conditions. (Akkim 0820)