

TECHNICAL DATASHEET

ProMax Pro Fire Stop

ProMax Pro Fire Stop is an air humidity curing prepolymerized mixture in an aerosol can. Cured foam is a good temperature and sound insulator, and has strong adhesive properties. Adheres well to most building materials, with the exception of teflon, polyethylene and silicon surfaces. Cured foam is sensitive to UV-light and direct sunlight. Fire resistance tested according to European standard EN 1366-4 and standard DIN 4102-1.

Field of application

Foam is used for installation of fire protection doors, filling of holes and gaps, and for thermal insulation where high requirements for fire resistance are needed.

Storage conditions

Can must be stored and transported in vertical position. Store in a cool and dry place. Store at temperatures +5°C ÷ +30°C.
Aerosol can must not be stored at temperatures over +50°C and in direct sun.

Application conditions

Air temperature during application +5°C - +30°C, best results at + 20°C.
Can temperature during application +10°C - +25°C, best results at + 20°C.
Surfaces must be clean from dust, loose particles and oil before foam is applied.
Soft foam can be removed with acetone, cured foam only mechanically.
Cured foam can be painted.

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Technical data

Property	Unit	Value
Shelf life	months	12
Tack free time	minutes	10 – 16
Cutting time (30 mm bead)	minutes	30 - 40
Completely cured in joint (+23°C)	hours	max. 18
Completely cured in joint (+5 °C)	hours	max. 24
Density	kg/m ³	25 - 30
Fire class of cured foam*		EI 20 – EI 180
Fire class of cured foam**		B1
Volume decrease	%	None
Expanding volume	%	30
Flash point of cured foam	°C	400
Tensile strength	N/cm ²	10 (BS 5241)
Compression strength at 10%	N/cm ²	4 (DIN 53421)
Thermal conductivity	W/m·K	0,03

* Fire resistance tested according to European standard EN 1366-4.

** Fire resistance tested according to standard DIN 4102-1.

The values specified were obtained at +23°C and 50% relative humidity, unless otherwise specified. Fire resistance tested according to European standard EN 1366-4:

Joint width, mm	10	20	30	40
Joint depth, mm				
100	EI 60	EI 30	EI 30	EI 20
200	EI 180	EI 180	EI 180	EI 120

Safety regulations

Can contains diphenylmethane 4,4-diisocyanate. Dangerous when inhaled. Irritates eyes, skin and respiratory organs. Inhalation of gas may cause allergy. In case of eye-contact rinse thoroughly with water and seek medical help. Do not smoke during work! Make sure that there is good ventilation, use protection means when necessary. Keep out of reach of children. Aerosol can must not be stored at temperatures over +50°C and in direct sun.