

CARING FOR THEIR FUTURE...



THE EXPANDING JOINT SEALING TAPE

A clean, easy to install, cost effective alternative to traditional PU aerosol foam



Aesthetic

Waterproof

Thermal



What is Xpanda 600?

Xpanda 600 is a pre compressed open cell polyurethane foam backed roll with a self adhesive scrim tape to assist positioning. Heavily impregnated with chemically stabilised acrylics creating flame retardant properties. Xpanda 600 remains permanently elastic and will continually self adjust after installation to keep gaps closed for many years.

After application, Xpanda foam tape expands to fill gaps and also adapts to uneven surfaces to provide long term thermal and acoustic insulation.

Performance

Performance rated to 600 Pascals (Driving rain) at 25% decompression. Easy to apply, improving energy efficiency in buildings as opposed to aerosol PU expanding foam. It allows for ventilation of the joint preventing mildew build up and has excellent resistance to UV and ageing. Xpanda 600 will not crack, split, bleed or dry out whilst performing continuous movement cycles during the year, in all seasons.



- Can be painted over after installation
- Supplied in precompressed rolls cut to width



Xpanda 600 - 1	9mm	1-3mm	
Xpanda 600 - 2	13mm	2-5mm	
Xpanda 600 - 3	17mm	3-7mm	
Xpanda 600 - 5	26mm	4-11mm	
Xpanda 600 - 7	35mm	5-14mm	
Xpanda 600 - 8	44mm	7-18mm	
Xpanda 600 - 10	53mm	8-21mm	
Xpanda 600 - 13	72mm	13-28mm	
Xpanda 600 - 17	98mm	17-39mm	
Xpanda 600 - 24	123mm	24-49mm	

Water tightness range to driving rain under preassure of 600 Pa minimum.

Thermal insulation, noise control or seal against draught and dust.

Performs as gap filler only







Applications

Ideally suited for use as a primary or secondary seal in vertical and horizontal joints of building facades (concrete, brick, stone, insulation panels) as well as metal cladding systems, window and door perimeters, curtain walling and skylights.

Ideal for use in expansion joints, joints in portable and sectional buildings, abutment seals in conservatories, timber buildings, ductwork, caravan and mobile home manufacturing. It can be over painted with any water based acrylic or latex paint and being non-migratory, it is compatible with most caulking materials.

Characteristics

From fully decompressed down to 75% compressed.



10% Compressed - Draught / Acoustic Shield

50% Compressed - Thermal Insulation & Dust Seal

75% Compressed - Acoustic, Weather Seal to 600pa, will resist water spray up to 600pa differential to EN86

Compressed Foam

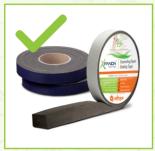
*Environmental temperature variations will affect expansion rates

Protecting the Environment

Advantages of using Xpanda over traditional Polyurethane aerosol foam.

- Reduce waste no can to dispose of
- No harmful CFCs in the environment*
- No storage of flammable cans
- No risk of ignition
- No cleaning up after installation
- No solvents required to clean straws / guns after use
- No sagging or accidental incomplete aperture filling
- · Quick and easy application
- Accommodates joint movement
- Easily disposable and recyclable where facilities exist
- Increased productivity
- Self-adhesive to aid initial location
- Minimal wastage











^{*}Heat will accelerate expansion



Technical Specification

Technical Data & Requirements	Classification & Categories		
Material	An open cell polyurethane foam impregnated with flame retardant acrylic resin		
Impregnation	72% (Flame-retardant synthetic resin)		
Building materials class	BG1, Self Extinguishing		
Fire resistance	B1 (non-flammable)		
Resistance to driving rain	>600 Pa		
Air permeability	a < 0.1 m3/[h.m.(daPa)^7]		
Water vapour diffusion resistance index	μ<10		
Heat conductivity	0.046 W/m.		
Temperature cycle resistance	-20°C to 80°C		
Resistance to light and moisture	Weathering resistance satisfied		
Compatibility with neighbouring building materials	Requirements satisfied		
Storage time and temperature	24 month, 1°C to 25°C		

Product Range

Other widths available on request

	Gap sizes to be filled (mm)	Tape Width into Joint: (Minimum)	Xpanda Part Numbers
	1mm to 3mm	10*	XPANDA 1-3
	2mm to 4mm	10*	XPANDA 2-4
	3mm to 7mm	10*	XPANDA 3-7
	5mm to 10mm	15*	XPANDA 5-10
×	7mm to 12mm	15*	XPANDA 7-12
	8mm to 15mm	20*	XPANDA 8-15
	10mm to 18mm	20*	XPANDA 10-18
	13mm to 24mm	30*	XPANDA 13-24
	17mm to 32mm	30*	XPANDA 17-32
	24mm to 40mm	40*	XPANDA 24-40

^{*}Min size recommended for ease of installation. There are no limitations in widths above the minimum recommended.

1-3 to 24-40... What do the numbers mean?

Example:

24, - the thickness of the tape in millimetres in its compressed state.

40, - the thickness of the tape in millimetres when partially expanded that meets the standard of *600 pascal - the rating for driving rain* once the tape has been installed.

