

The logo features a large, stylized green 'X' made of brushstrokes on the left. To its right, the word 'XPANDA' is written in a bold, dark blue, sans-serif font with a registered trademark symbol (®) to its upper right. Below 'XPANDA' is the text 'foam tape' in a smaller, dark blue, lowercase sans-serif font. To the right of 'XPANDA' is the number '600' in a large, dark blue, sans-serif font.

XPANDA[®] 600

foam tape

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.

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.

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



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



Product Reference

Product Reference	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	...		
Xpanda 1-3	Expansion Range (mm)																																																				
Xpanda 2-4	Expansion Range (mm)																																																				
Xpanda 3-7	Expansion Range (mm)																																																				
Xpanda 5-10	Expansion Range (mm)																																																				
Xpanda 7-12	Expansion Range (mm)																																																				
Xpanda 8-15	Expansion Range (mm)																																																				
Xpanda 10-18	Expansion Range (mm)																																																				
Xpanda 13-24	Expansion Range (mm)																																																				
Xpanda 17-32	Expansion Range (mm)																																																				
Xpanda 24-40	Expansion Range (mm)																																																				

Expansion Range (mm)
Compressed Roll



Applications

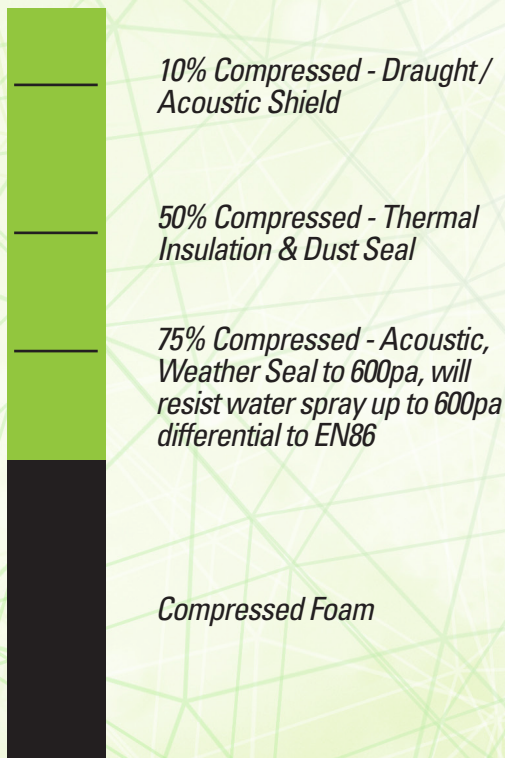
Ideally suited for use as a primary or secondary seal in vertical and horizontal joints of building facades (concrete, brick, stone, insulation panels) as well as metal cladding systems, window and door perimeters, curtain walling and skylights.

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.

Expansion Range



*Environmental temperature variations will affect expansion rates

*Heat will accelerate expansion

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



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	$a < 0.1 \text{ m}^3/[\text{h.m.}(\text{daPa})^7]$
Water vapour diffusion resistance index	$\mu < 10$
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.

