



1. Description Rev: March 2022

Our 8100 expanding foam is weather-retardant, impregnated, open-cell, polyurethane sof foam, enclosed before use in a polypropylene film with a bonding adhesive on one side for fixing.

## 2. Ussage/ Purpose

Our 8100 expanding foam is an impregnated, pre-compressed foam sealing tape, encapsulated before use in a tear-off, polypropylene film with a bonding adhesive on one side for installation. The tear-off, encapsulating film permits the post-installation expansion of the foam strips, thus ensuring an effective weather seal.

#### **Key Benefits**

- Factory or site application with activation within 3 months of instalation
- 600 Pa weather resistance
- Applied before frame instalation
- Non hazzardous waste or clean up

### 3. Colour

Foam sealing tape – available in anthracite as standard (grey available on request). Encapsulated film – clear

Adhesive release film - red

## 4. Packaging

Continuous spool 50m, 100m or 200m depending upon size

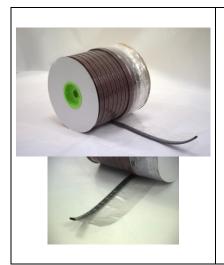
### 5. Dimensions

Normal Joint Width (mm)	Maxamum Joint Width* (mm)	Metres/ Cartons
3	7	50
3	7	200
5	10	50
5	10	200
7	12	50
7	12	100

Max instalation depth = 17mm

Width of tape = 15mm + tear off strip

\*to ensure 600 Pa driving rain resistance





## 6. Technical Infomation

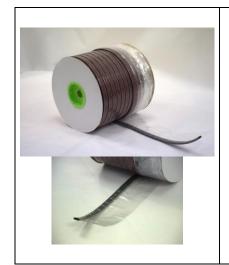
Property	Test Method	Result	
Construction Class	DIN 4102	B2	
Standard Construction Material Compatibility	DIN 52453	Compatible	
Film Thickness		30 +/- 5μ	
Driving Rain Resistance	EN 1027	600 Pa minamum	
Water Vapour Permeability		sd value <0.5m	
Application Temprature		The tape should be applied to the window frame before instalation at tempratures above +10°c to ensure satisfactory adhesive tack	
Service Temprature		+30°c to +90°c	
UV Resistance	The polypropylene activation film must be removed within 3 months of installation otherwise this may be difficult to remove.		
Storage	Store rolls horizontally and in original carton between +0°c and +20°c in dry conditions and away from direct sun light.		
Shelf life	18 months when stored as recommended in original unopened containers.		

# 7. Preparation

No special surface preparation or primers are required but contact surfaces msut be clean of dust, dirt, loose matter, grease or oils.

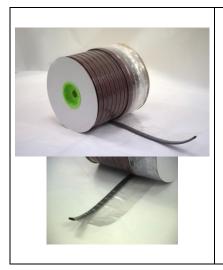
# 8. Health and Saftey

Saftey data sheet must be read and understood before use.





# 9. Application





- -Prior to instalation, 8100 is fixed to the frame by means of the self-adhesive strip.
- -Measure the size of the aperture, not the frame, and cut the 8100 to length, allowing an extra 10mm per metre to form a good fit between the end of the tape and the wall/ reveal.
- -It is preferable to install the horizontal edges first. Fit the tape to the top and bottom of the frame. The tape should be set back into the joint by 2-3mm in order to protect from UV and enhance stability. Then measure the vertical distance of the frame between the horizontal tapes, again allowing 10mm per meter oversize to form a good, tight butt joint at the corners.
- -Apply the tape in line with the top and bottom seals.
- -NOTE: creasing in the filmic adhesive support may provide tracking points for moisture ingress. The product should be applied under minimal but sufficent tension to remove any such creases at application. This will ensure that intimate and close contact with substrate is made.
- -During installation of the frame, ensure that the tearoff strip is externally accessible. When ready to
  activate the tape, remove the film by carefully
  tearing at the metal perforation strip, ensuring
  that this is also removed. Continue pulling the film
  at an angle of 45° to the adhesive surface (as
  shown in fig 3) and supporting the tape by
  pressing close to the point of tearing. Take care
  not to disturb the corner butt joints. This action
  will casue the strip to tear freely along the
  perforation line. The activated seal will now
  quickly expand to seal the joint.
- -Please be aware that a small residual visual edge of film will remain after the main encapsulation is removed.
- -It is essential to remove the tear-off activation/ encapsulating film within 3 months of application otherwise this may prove difficult due to UV degradation.

### Please Note

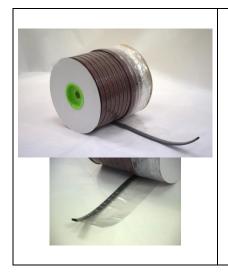
In order that driving rain resistance is maintained to a minamum of 600 Pa, it is essential that the maximum reccomended joint width is not exceeded. To ensure that iregularities can be sealed by the tape, aperture surfaces

### Fig 1: Bond 8100 to the edge of the window frame using selfadhesive strip.

### Fig 2: Activate the expansion of the tape by removing the tear-off film and thread.

# Fig 3: Pull the film carefully at an angle.

#### Fig 4: 8100 located between window and reveal.





must not be excessivley rough.	
The information provided herein represents general	
guidance only. The user is advised to conduct trials to	
establish suitability for his particular application.	

#### Important Notice

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