BRETT MARTIN

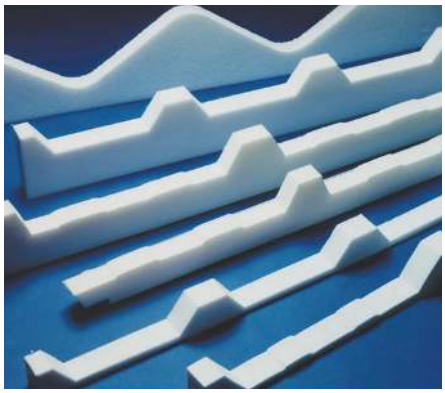
Daylight Systems

Profiled foam fillers for sheeting & cladding applications

Brett Martin Daylight Systems profiled foam fillers are the most efficient and cost effective method of closing off inter-profile cavities at the ridge, eaves and other intersections of corrugated cladding. They prevent ingress of rain, snow, wind driven debris and vermin, and assist with air tightness in some applications.

The 'NFRC Profiled Sheet Roofing and Cladding - A Guide to Good Practise, 3rd edition' details the use of profiled foam fillers as an effective method for closing off inter-profile cavities.

Approved Document Part L2 introduces new air tightness requirements. The correct specification and use of fillers and sealants is now more important than ever, to meet air tightness requirements as well as achieving good vapour control and weather tightness

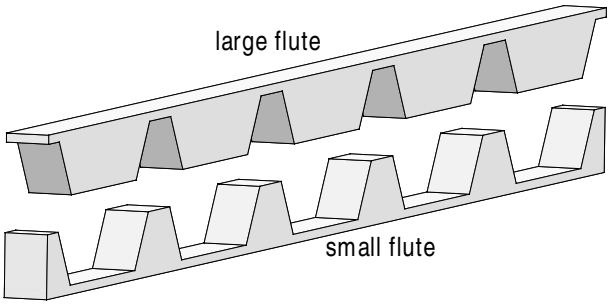


FILLER TYPES

Large flute (l/f): typically for use at the ridge filling the inter-profile cavity between the ridge cap and corrugated roof sheet

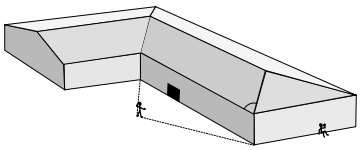
Small flute (s/f): typically for use at the eaves filling the inter-profile cavity between the corrugated roof sheet and structure

Note: large and small flute fillers are manufactured with a standard 6mm base. Extended base depth is available on request.



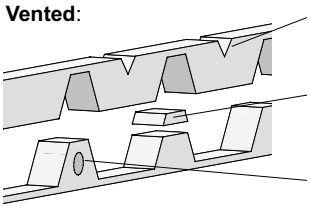
SPECIAL FEATURES

Angle cut available for filling the inter-profile cavity on the hip end of a building (between mitred cladding and hip flashing) or at a valley intersection. For angles greater than 65º, individual profiled blocks are highly recommended.



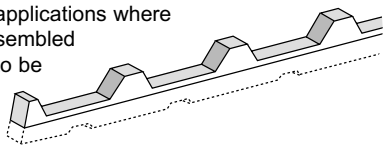
A detailed **order form** is available to simplify the specification and ordering of angle cut and all other fillers.

Vented:

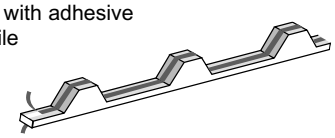


Vented fillers will allow trickle ventilation in the cavity of built up cladding, to assist with prevention of condensation.

Profile to base for applications where the void of a site assembled construction needs to be completely filled.



Self adhesive available with adhesive and release tape to profile and/or base to facilitate installation.



Always use our fillers order form to ensure you get the right product first time

TECHNICAL BULLETIN - 151 June '04

MATERIAL OPTIONS

PE foam — Standard durability

PE foam is a closed cell physically cross-linked polyethylene laminated with strengthening interfaces, available as standard or high density. PE foam fillers are the most widely used and cost effective for standard applications.

durability: typically 15 years +
temp range: -70º to +70º

RANGE

code	thickness	density	colour
0625	25mm	30kg/m³	w, b, l
0630	30mm	30kg/m³	w, b, l
0650	50mm	30kg/m³	w, b, l
0653	30mm	50kg/m³	w

COSHH DATA
PE foam is an inert polymer foam and is non toxic. No special measures required if contact with skin or eyes.
Will burn if exposed to direct flame, avoid inhalation of smoke. Can be extingushed with water spray, CO_2 or extingushing foam.

EPDM foam — Long term durability

EPDM foam is a synthetic rubber (Ethylene Propylene Diene Monomer), available for applications where extreme durability is required. It offers enhanced resistance to high temperatures, long term UV exposure and attack from birds and vermin.

durability: typically 20 years +
temp range: -45º to +120º

RANGE

code	thickness	density	colour
0825	25mm	150kg/m³	w, b
0850	50mm	150kg/m³	w, b

COSHH DATA
No special measures required if contact with skin or eyes, wash with water if irritation occurs.
Will burn if exposed to direct flame, avoid inhalation of smoke. Can be extingushed with water spray, CO_2 or extingushing foam.

Flowcell foam — EPDM faced

Flowcell is a combination of a PE foam core faced with EPDM foam. This ideal combination gives a cost effective filler with the durability of EPDM.

durability: typically 20 years depending on conditions
temp range: -45º to +70º

RANGE

code	thickness	density	colour
0730	30mm	core:	
		PE 30kg/m³	grey
		facing:	
		EPDM 150kg/m³	black

COSHH DATA
As above for PE and EPDM foam.

Reticulated foam — Vented foam

An open cell polyether based polyurethane foam which allows passive ventilation through itself whilst stopping ingress of rain and snow.

durability: typically 15 years +
temp range: -40º to +120º

RANGE

code	thickness	density	colour
0425	25mm	22kg/m²	b
0450	50mm	22kg/m²	b

COSHH DATA
No special measures required if contact with skin or eyes.
Will burn if exposed to direct flame, avoid inhalation of smoke. Can be extingushed with water spray, CO_2 or extingushing foam.

w - white; b - black; l - liquorice (black & white)

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