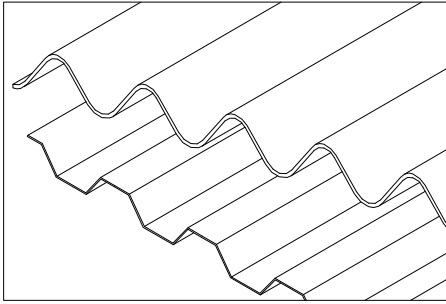


Product Data Sheet

Ariel Plastics Ltd. Speedwell Ind. Estate, Staveley, Derbyshire, S43 3JP
 Technical Service Department: Phone +44 (0)1246 280000 Fax: +44 (0)1246 561118



Foamline®

76x18 Iron Profile

Corrugated Foam PVC

Foamline is an opaque corrugated rigid foamed PVC sheet from Ariel Plastics Ltd. The sheet is characterised by high recycled material content. It is available in a solid black colour at a thickness of 1.2mm and standard length of 2 metres.

Standard sheet size:		Tolerance:
Width:	900mm	+/- 5 mm
Length:	Up to 2 m	-0, +10 mm
Thickness:	1.2mm	-0.1, +0.1 mm

Colour: Black
Sheet Weight: 1.52 kg/m² (1.2mm)
U-value: 5.7 W/m²°K

Applications

FOAMLINE can be used in a variety of unregulated building projects and installations such as domestic out buildings, enclosures and canopies.

Service Temperature

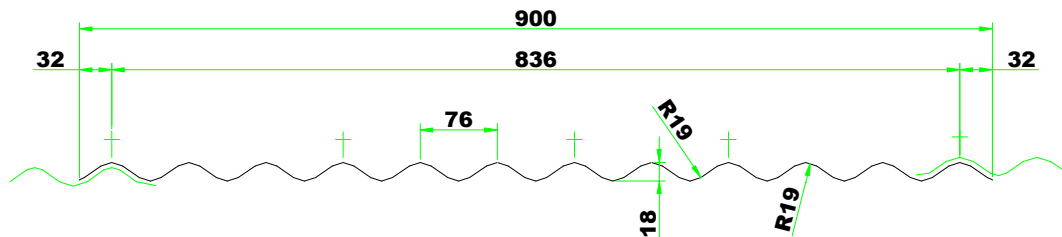
FOAMLINE can be installed in a diversity of applications, with varying temperatures. The material's mechanical performance is known to remain stable in service in temperatures ranging from 0 to +60°C

Installation

Foamline may be used in contact with other traditional building materials. Although FOAMLINE is resistant to many chemicals, contact with solvents e.g. creosote or similar wood preservatives must be avoided. Applications of FOAMLINE must make adequate allowance for thermal movement. Clearance must be allowed in the holes drilled for fixing, 10-12mm diameter holes are required. Sheet lengths have to be limited so that there is not excessive movement at the end laps.

The general condition of FOAMLINE roof sheets and the security of fixings and sealant should be checked periodically as part of the overall maintenance of the structure into which they are incorporated.

Profile Dimensions, Overlaps & Fixing Positions



Spanning:

Load (kN/m ²)	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5
Span (m)	1.01	0.89	0.85	0.81	0.78	0.75	0.73	0.71	0.69	0.67	0.66

- Safe span figures are based on deflection limit of span / 30 (BS5427), plus a safety factor of 1.2.
- It is assumed that the profile is valley fixed with at least five fixings, at all purlins, including metal end lap on to roof light