



Low Temperature Applications

Cellular PVCu foamed sheet has the ability to operate across a broad range of temperature and moisture conditions.

The product is designed to function through a very broad spectrum of application and post extrusion processes.

Whilst the effects of heat are well noted with most thermoplastics and care is taken to avoid and to make allowances for expansion and possible distortion the same is not so well regarded with the effects of low temperature performance.

KEY NOTE:

PVCU becomes increasingly brittle at lower temperatures.

Caution must be exercised at temperatures below ZERO Celcius, as the performance of the product cannot be guaranteed.

Impact

Care should be exercised when using PVCU sheet products in cold environments. Due to the variation in Moisture and application it is not possible to be definitive as to the extremes of its operating capability. However the known operational limit is roughly -24°C .

The level of impact resistance diminished significantly at reducing temperatures so it is vital that each application is tested for suitability prior to formal instillation.

Instillation

Prior to instillation of either flat panels or processed units it is recommended that the time or product is stabilised to the surrounding temperature and environment for roughly 24 hours prior to fixing in any form. The product will shrink according to the change in temperature of the operating environment and allowance should be taken to accommodate this effect.

Other Information

For other information please refer directly to our technical manual or our technical depart who will be happy to offer advice and direction as appropriate.

Data provided in this technical support booklet consists of approximate values based upon ongoing testing procedures and commercial experience. All Foamalite products described and included within this publication are subject to continuous quality control; in practice however, it is possible that figures here differ because of variations in the manufacturing processes and other external influences. It is recommended that distributors, processors and their customers establish the suitability of all Foamalite products for their application prior to use. Specifications are subject to change without notification.