



SILTI FOAM

UNIVERSAL PU FOAM

PRODUCT DESCRIPTION

SILTI FOAM is a triple expanding polyurethane single component sealing foam. At ambient temperature it hardens to a lower density on reacting with atmospheric moisture. After curing it shows excellent adhesion to metals door/window frames, wood, concrete, plasters, glass, painted surfaces, specific plastics etc. It has outstanding thermal insulation features and can be used to insulate hot/cold water piping, cooling systems, etc. The microcellular structure of the foam exhibits a closed cell structure, therefore post cured foam is water resistant. SILTI FOAM is very easy to extrude and is well suited for sealing low movement high volume gaps, cracks, and holes of that are difficult to fill with any other form of ordinary sealant.

PROPERTIES

Colour	Light Cream
Appearance	Foaming Liquid
Handling dry, Approx.	5 hours at 28 °C
Touch dry, minutes,	10 minutes at 28 °C
Fire Class of Cured Foam	B 3 (DIN 4102)
Foam Density	20 ± 2 kg/m ³
Coverage, Approx.	14 liters/ 750 ml can
Recommended Application Temp	5 °C – 35 °C

APPLICATION METHOD

The surfaces must be clean, free of grease, oil, dust, and other fine particles. During the time of application, if the relative humidity is low or if a wide area must be filled at once or the surface is porous, it is recommended that the surface should be slightly moistened before the foam is applied. Shake the can for approximately one minute and screw the plastic applicator on the valve. Spray the foam by pressing the applicator handle into the area to be filled. If the gaps to be filled are large, create the volume by layers progressively and moisten the layer slightly before adding the next layer. Since the foam volume increases upon curing, fill only up to 1/2 of the space. The quality and volume of the foam depending on the relative humidity in atmospheric.



HANDLING

SILTIFOAM is highly inflammable and it is important to take all the precautions when handling it. Do not smoke during application and prevent unnecessary heat and sparks. Adequate ventilation should be ensured while applying. Do not inhale the spray. If swallowed, immediately seek medical attention. Refer to MSDS for more information.

PACKAGING

Available in 750 ml aerosol container.

STORAGE & SHELF LIFE

SILTIFOAM has a shelf life of 12 months from date of manufacture if stored in original sealed containers between 5 °C – 25 °C. Store in a cool dry place, away from direct sunlight or any other heat sources. Do not expose beyond 50 °C. Do not pierce the can even if it is empty.

Note: The information in this product data sheet is given in sincerity but without warranty, as environment of storage and use could vary and is beyond our control. User is having to determine whether the product is fit for a particular purpose and appropriate for user's method of use and application.