

Aerofoam Glue – Technical Data Sheet

Type	High Performance Foam Adhesive		
Description	<p>Aerofoam Glue is inflammable, one component high performance spray able adhesive based on Synthetic with special tackyfier and additives. It is specially developed for Polyethylene Foam , Phenolic and polyisocyanurate (PIR) foam in air duct system. It is very good in film forming nature which gives uniform bonding to most of substrate like cross-linked polyethylene, EPDM & similar substrate.</p>		
Recommended Use	<p>Aerofoam Glue is used in Polyethylene Foam, Phenolic PIR & PU foams panel for pre-insulated air duct. Aerofoam Glue can also be used for most of porous and non-porous surfaces.</p>		
Features	<p>Excellent Adhesion and High Strength with Polyethylene Foam, Phenolic PIR v/s Alu & PU v/s PU Excellent Boding to Porous and Non Porous Surface Chemical Resistant Excellent Heat Resistant UV Resistant</p>		
Form Supplied	Liquid		
Specification	Value	Unit of Measurement	Method
Property			
Specific Gravity	0.85±0.05	g/cc	ASTM D 1475-98
Solid Content	40±3	%	ASTM D 1644-01
Viscosity (SP6, RPM20@30°C)	100-500	cPs	ASTM D 2196
Flash Point	>10	°C	ASTM D 92
VOC, (EPA method 24)	495	g/ltr	ASTM D 2369-98
Other Data*			
Appearance	Light Brown Color liquid		
Service Temperature	-25° C to 90°C		
Chemical Resistance	Excellent		
Water Resistance	Excellent		
UV Resistivity	Excellent		
Insulation Properties	Excellent		
Coverage	6 to 9 m ² /per liter		

Surface Preparation	The surface should be structurally sound, clean, dry, leveled and free from dust curing compounds grease and other loose debris according to BS 8203
Application Procedure	Apply Aerofoam Glue with brush, roller or pressure feeding equipment evenly on both surfaces, wait until solvent is fully evaporated. After the evaporation of solvent in adhesive, assemble the surface by applying normal hand pressure. In case of fibrous wool, apply Aerofoam Glue evenly by brush or any suitable equipment over the GI sheet and wait for 5 to 10 minutes before bonding the glass wool.
Packaging	1 USG, 15 Ltr Metal Pail , 17 Ltr Metal Pail
Storage	SHELF LIFE up to eighteen month from manufacturing date, if unopened Store under cover, protect from direct sunlight and high temperature (> 30 °C) Failure to comply with the recommended storage conditioning may result in premature deterioration of the product or packaging.
Cleaning	Clean with Hydro Carbon Solvent Only (Xylene, white sprit, acetone)
Health & Safety	As with all chemicals, caution should always be exercised.

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