

FOSTER FACING AND LAMINATING ADHESIVE

DESCRIPTION


This adhesive was developed to bond various facing materials to fiberglass blankets. This product has been composite tested and meets the Fire Hazard Classification 25/50 with a wide variety of facing/fiberglass laminates.

TYPICAL PHYSICAL PROPERTIES AND GENERAL INFORMATION

Solids (1):	43 to 45%
Viscosity (2):	300-700 cps.
PH:	2.5 to 4.5
Weight/gallon:	9.0
Residual Monomer:	0.5 Max %
Appearance:	Milky blue-white
Particle Size Average:	Less than 0.25 microns
Surfactant System:	Anionic
Surface Tension (3) :	36 Dynes/cm
Mechanical Stability (4):	Excellent
Fungal Resistance (5):	Rating "0", no growth
Tg (6):	-9 to -7 degrees C.
Film:	Flexible, water clear, excellent water and solvent resistance.
Clean up:	Water (wet), mineral spirits (dry)

Methods

- (1) Forced air oven 2 hours at 130°C (110°C if modified)
- (2) Brookfield Viscometer Model RVF, at 20 RPM at 25°C.
- (3) P.B. Tensiometer LG-60/40 E/W dilution with water.
- (4) Does not break after 15 minutes at high speed in Waring Blender.
- (5) ASTM G-21
- (6) Differential Thermal Analysis

	ADHESIVES
	SURFACE BURNING CHARACTERISTICS
Applied to Inorganic Reinforced Cement Board	
Flame Spread:	5
Smoke Developed:	15
Tested as applied at a coverage rate of 200 ft ² /gal	
Flash point of liquid adhesive (closed cup): no flash to boiling	
312U	

Store and apply between 40°F (4°C) and 100°F (38°C), protect from freezing until dry.

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