



## Technical Data Sheet

**All Purpose Foam** is an aromatic foaming elastomer which can be spray applied using high pressure Plural Component heated machinery or low pressure equipment such as a cartridge gun with air atomization. The All Purpose Foam can be sprayed at 2/1, 3/1 and 4/1 expansions. All Purpose Foam may be formulated in both open and closed cell formulas. Applications include roofing, sound absorption, pipe insulation, running tracks, exercise mats, joint seals and water proofing. There are zero VOC's in our All Purpose Foam. Foaming is done using water as the blowing agent. For outside applications a UV stable top coat should be applied such as Single UV, ARO-ALPH Dual. Colors are available.

All Purpose Foam is typically applied by hand-held 2K cartridge gun or by plural component pumping machine. It has a 15-30 sec gel time with a 24 hour full cure. It retains a wide functional temperature range and flexibility from -20F to 250F.

Please contact our technical support group for specific substrate application procedures, equipment, safety gear and clean-up kits. Refer to SDS for material and safety standard procedures.

All Purpose Foam PHYSICAL PROPERTIES				
Density		15 pcf	25pcf	36 pcf
Tear Resistance	ASTM D624	50 lb/lin. in	150 lb/lin. in	250 lb/lin.in
Tensile Strength	ASTM D1623	200 psi	400 psi	900 psi
Elongation	ASTM D3574	250%	250%	250%
Water Absorption (closed cell)	ASTM D194	<2% in 24 hrs	<2% in 24 hrs	<2% in 24 hrs

## TECOTECHNICAL APPLICATION DATA

Application substrates must be clean/dry from contaminants; i.e. free of dirt, loose rust, paint, moisture, oils, etc. This material is to be applied within 40°F to 100°F.

### Adhesion Results of Typical Substrates per ASTM D-4541 Elcometer

Concrete- clean	>200 psi	Concrete cohesive failure; excellent bonding
Steel- clean	>200psi	Excellent bonding
Wood- dry/dust free	>200 psi	Wood failure; excellent bonding

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