

ASC-2000 AGRICULTURAL SPRAY FOAM

DESCRIPTION

ASC-2000 is a water blown rigid polyurethane foam spray system designed for use through all types of conventional spray foam equipment. The reactivity of ASC-2000 is adjusted seasonally to compensate for climate changes

TYPICAL APPLICATIONS INCLUDE THE FOLLOWING

- Pole barns, barns and sheds
- Agricultural storage units
- Ditch fill
- Cold storage containers
- Tanks
- Wall fill insulation
- Hot tubs or Spa Unit Insulation

FEATURES AND ADVANTAGES

ASC-2000 bears other features which include:

- Most notably, it is priced very economically attractive in order to compete well against other insulating materials
- Contains no ozone depleting substances
- Contains fire retardant
- Has a significant recycled content which could allow for LEED construction credits
- Adds structural strength to building
- Is a closed cell product that prohibits wicking of water or water vapour therefore it will not support or promote mold growth
- Reduce capacity requirements, maintenance and wear of HVAC equipment.



YIELD

At a core density of 2.0pcf, ASC-2000 can theoretically achieve nearly 4000 square feet of coverage at 1 inch. Factors affecting coverage include wind, substrate temperature, moisture on the substrate, chamber mixing, ambient temperature etc.

HANDLING CHARACTERISTICS

	COMPONENT A	COMPONENT B
Viscosity (cps@25°C)	200-250	600-800
Specific Gravity (@25°C)	1.24	1.18
Mix Ratio (by Volume)	100	100
Reactivity (@25°C)		
Cream	2 - 6sec	
Tack Free	4 - 14sec	
Rise Time	7 - 18sec	

TYPICAL PHYSICAL PROPERTIES

Density, core	Pounds per cubic Foot	2.0
Compressive Strength	Psi @ % Yield	25
Closed Cell Content	%	92+
K Factor	Initial	0.12
	Aged	0.15

WARNING: Polyurethane product manufactured or produced from these chemicals may present a serious fire hazard if improperly used or allowed to remain exposed or unprotected. The character and magnitude of any such hazard will depend upon a broad range of factors which are controlled or influenced by the manufacturing or production process, by mode of application or installation and by the function and usage of the particular product. Each person, firm or corporation engaged in the manufacture, production, application, installation, or use of any polyurethane product should carefully determine whether there is a potential fire hazard associated with such product in a specific usage and utilize all appropriate precautionary and safety measures. PLEASE READ THE MATERIAL SAFETY DATA SHEETS FOR THE PROPER USE AND HANDLING OF THESE MATERIALS!

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