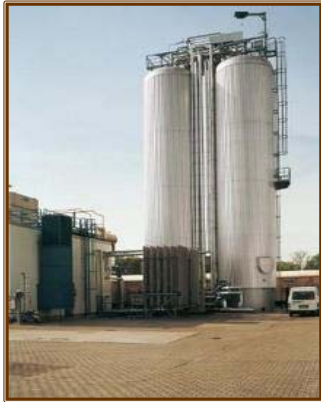


CRYOWOOL™

Industrial Grade RockWool Insulation



CRYOWOOL™ is designed for use in a wide range of industrial cryogenic applications such as refrigeration and cold boxes. **CRYOWOOL™** is made from the highest quality mineral fiber and is inorganic making it safe for liquid oxygen installations. It can be installed by hand-packing or pneumatically blown and is easily removed and re-installed for inspection and maintenance purposes.

TECHNICAL DATA:

Chemical Composition	% Weight	Physical Data
SiO ₂ *	39-41	Temperature Limitations: -400°F to 1600°F
Al ₂ O ₃ *	8-12	Shot, #50 sieve: <10%
CaO*	34-36	pH: 8.1 – 8.6
MgO*	5-9	Loss of Ignition: <0.2%
Fe ₂ O ₆ *	5-8	Capillarity: 5 inches max
Total Alkali as Na ₂ O	<3	Thermal Conductivity:
SO ₃ *	<0.5	Mean Temperature °F: +75
*denotes: inorganic compounds		K factor BTU/hr. ft. °F: .224

STANDARD COMPLIANCE:

ASTM E 136	Non-Combustible (Fireproof)
ASTM C 177	Thermal Conductivity
ASTM C 411	Maximum Service Temperature
ASTM E 84	Flame Spread 0, Smoke Development 0
ASTM E 605 A	Standard Test Methods for Thickness and Density
ASTM C 665	Non-Corrosive (Pass)

*Recommended installed density for hand packed applications is 12 to 15 lbs. /cubic ft. and 3 to 5 lbs. /cubic ft. for pneumatically installed applications.



AMERICAN ROCKWOOL MANUFACTURING, LLC

Manufacturer of Premium Rockwool Products
Insulation * Acoustical * Cryogenic * Horticultural Wools

Corporate Offices: 1316 Village Creek Drive, Suite 600 Plano, Texas 75093
Plant: 440 Jackrabbit Road / P.O. Box C Nolanville, Texas 76559 Toll free: (877) 247-5970
www.americanrockwool.com

Creating Rock-Solid Solutions, Protecting Your Environment