



## Technical Standards for Insulation – Mineral Wool – Rockwool

Category	Short Description	Standard	Comment (Optional)	Web URL
Thermal Performance	Shot Content	ASTM C547 Pipe ASTM C553 Wrap ASTM C612 Board	Type I for pipe up to 850F, II for pipe up to 1200F, III for V-groove, IV for pipe to 1000F, V for pipe up to 1400F	
	Max Service Temperature	ASTM C335		
	Thermal Conductivity and Resistance	ASTM C335 Pipe ASTM C177 Wrap ASTM C518 Board		
Physical Performance	Physical Tolerances	ASTM C585		
	Sag Resistance	ASTM C411		
	Linear Shrinkage	ASTM C356		
	Density	ASTM C167 Wrap ASTM C303 Board		
	Compressibility	ASTM C165		
	Density and dimensions for pipe	ASTM C302		
Corrosion Under Insulation (CUI)	SCC on Stainless Steel	ASTM C692	Standard calls for a 10ppm limit on chloride content	
	Insulation in contact with Stainless Steel	ASTM C795		
	Chemical Analysis of Thermal Insulation	ASTM C871		
	CUI Simulation Test Method	ASTM G189		



## Technical Standards for Insulation – Mineral Wool – Rockwool

	Vapor Permeability	ASTM E96		
	Water Repellency	ASTM C1763 BS EN 13472		
	Corrosion Under Insulation	API 583		
	Vapor Sorption	ASTM C1104		
Fire	Combustibility	ASTM E136		
	Surface Burning	ASTM E84		
	Reaction to Fire	IMO 2010 FTPC		