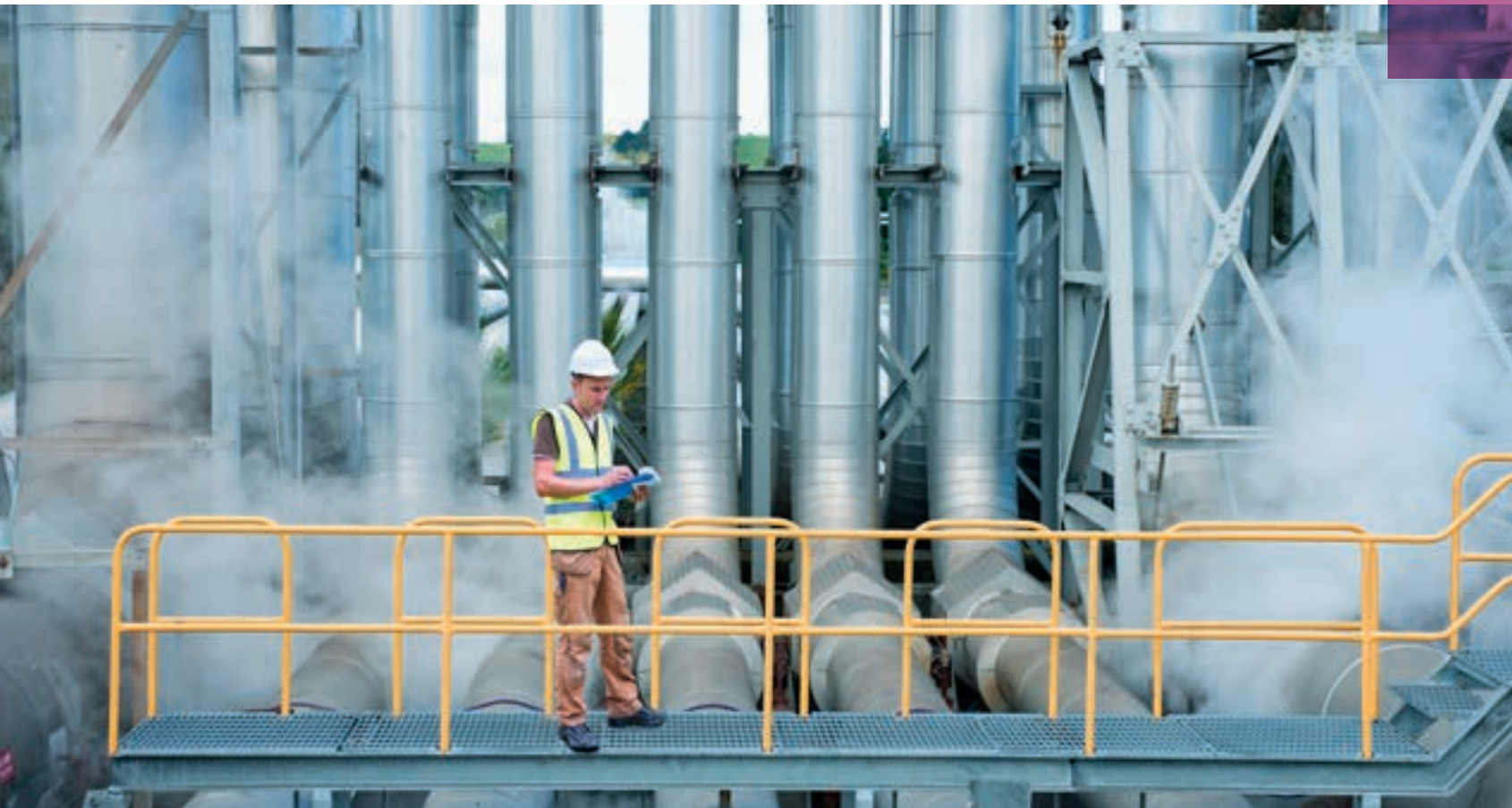


# ASTM Compliance Chart

for mineral fibre pipe, board and blanket insulation



## ASTM C547 - Pipe

Name	Nominal Density	Compliance														
		ASTM C547 Mineral Fibre Preformed Pipe Insulation				E136 Behaviour at 750°C	S114 Non-Combustibility	S102 / E84 Surface Burning Characteristics	C411 Hot Burning Characteristics	C447 Maximum Surface Performance	C356 Linear Shrinkage	C1104 Moisture Sorption	C165 Compressive Strength @10% deformation	C585 Diameters for Nominal Pipe Sizes	C800 Wicking	C795 Corrosiveness to steel
		I	II	IV	V											
ProRox® PS 960	8 lbs./ft. <sup>3</sup>	■	■	■		■	■	■	■	■	<1.3%	<0.1%		■	■	■
ProRox® PS 980	11.25 lbs./ft. <sup>3</sup>	■	■	■	■	■	■	■	■	■	<0.6%	<0.1%	1102 psi	■	■	■

## ASTM C612 - Board

Name	Nominal Density	Compliance											
		ASTM C612 Mineral Fibre Board Insulation		E136 Behaviour at 750°C	S114 Non-Combustibility	S102 / E84 Surface Burning Characteristics	C411 Hot Burning Characteristics	C356 Linear Shrinkage	C1104 Moisture Sorption	C518 (C177) Thermal Resistance	C165 Compressive Strength @10% deformation	C665 Corrosiveness to steel	C795 Corrosiveness to steel
		IVA	IVB										
ProRox® SL 920 <sup>NA</sup>	3 lbs./ft. <sup>3</sup>	■		■	■	■	■	<1%	<0.02%	■		■	■
ProRox® SL 930 <sup>NA</sup>	4 lbs./ft. <sup>3</sup>	■		■	■	■	■	<1%	<0.03%	■	63 psi	■	■
ProRox® SL 940 <sup>NA</sup>	6 lbs./ft. <sup>3</sup>		■	■	■	■	■	<1%	<0.01%	■	104 psi	■	■
ProRox® SL 960 <sup>NA</sup>	8 lbs./ft. <sup>3</sup>		■	■	■	■	■	<1%	<0.04%	■	167 psi	■	■
ProRox® SL 540 <sup>NA</sup>	10 lbs./ft. <sup>3</sup>		■	■	■	■	■	<1%	<0.04%	■	313 psi	■	■
ProRox® SL 560 <sup>NA</sup>	12 lbs./ft. <sup>3</sup>		■	■	■	■	■	<1%	<0.01%	■	418 psi	■	■
ProRox® SL 590 <sup>NA</sup>	15 lbs./ft. <sup>3</sup>		■	■	■	■	■	<0.38%	<0.28%	■	1220 psi	■	■
ProRox® SL 460 <sup>NA</sup>	9 lbs./ft. <sup>3</sup>		■	■	■	■	■	<0.40%	<0.03%	■	720 psi	■	■
ProRox® SL 450 <sup>NA</sup>	12 lbs./ft. <sup>3</sup>		■	■	■	■	■	<1%	<0.01%	■	418 psi	■	■
ProRox® SL 430 <sup>NA</sup>	4 lbs./ft. <sup>3</sup>	■		■	■	■	■	<0.35%	<0.03%	■	71 psi	■	■
ProRox® SL 760 <sup>NA</sup>	3.5 lbs./ft. <sup>3</sup>	■		■	■	■	■	<1%	<0.02%	■		■	■

## ASTM C553 - Blanket

Name	Nominal Density	Compliance									
		ASTM C553 Mineral Fibre Blanket Thermal Insulation	E136 Behaviour at 750°C	S114 Non-Combustibility	S102 / E84 Surface Burning Characteristics	C411 Hot Burning Characteristics	C356 Linear Shrinkage	C1104 Moisture Sorption	C518 (C177) Thermal Resistance	C665 Corrosiveness to steel	C795 Corrosiveness to steel
		IVA									
ProRox® MA 960 <sup>NA</sup>	8 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1.49%	<0.01%	■	■	■
ProRox® FSL 920 <sup>NA</sup>	3 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1%	<0.02%	■	■	■
ProRox® FSL 930 <sup>NA</sup>	4 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1.49%	<0.05%	■	■	■
ProRox® FSL 940 <sup>NA</sup>	6 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1.68%	<0.02%	■	■	■
ProRox® FSL 960 <sup>NA</sup>	8 lbs./ft. <sup>3</sup>	■	■	■	■	■	<0.68%	<0.03%	■	■	■
ProRox® MA 930 <sup>NA</sup>	4 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1.49%	<0.05%	■	■	■
ProRox® MA 940 <sup>NA</sup>	6 lbs./ft. <sup>3</sup>	■	■	■	■	■	<1.68%	<0.02%	■	■	■

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