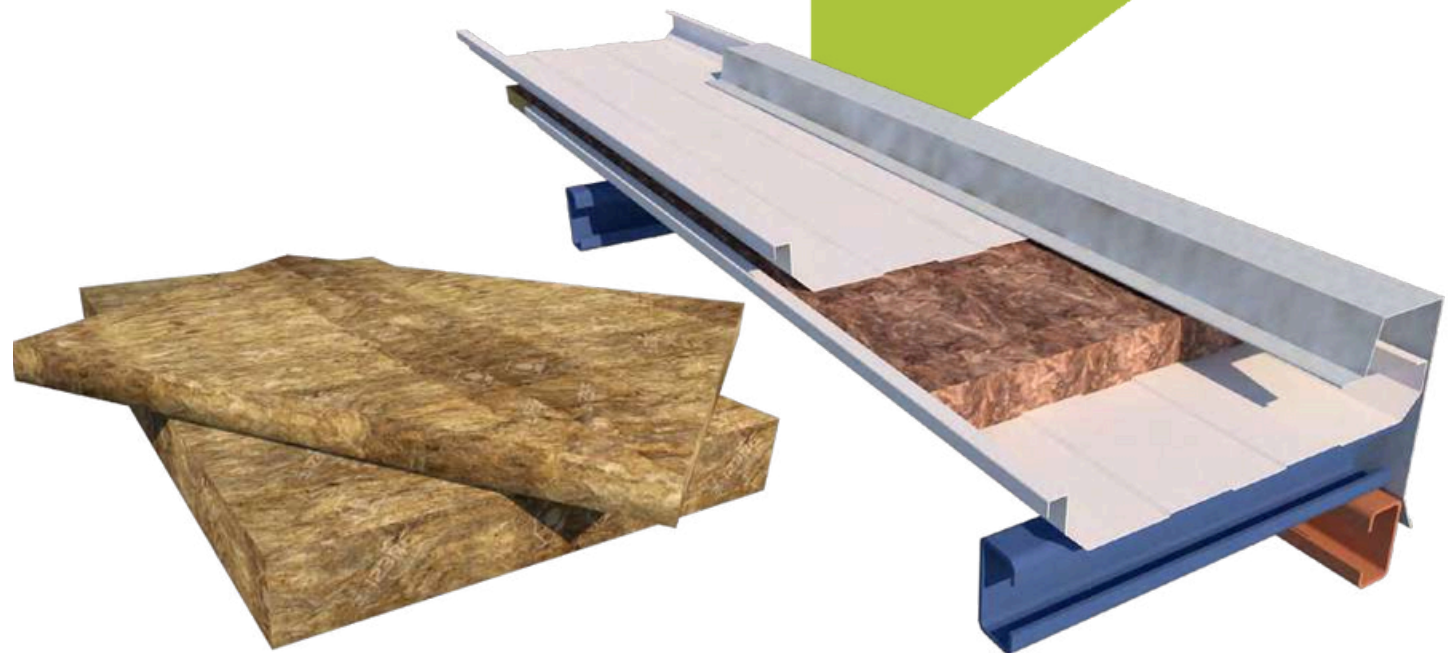




MINERAL WOOL INSULATION

Mineral wool insulation is composed primarily of natural rock. As such, it is considered a sustainable material and it can also be recycled. During the production process of the insulation mats, fibers are compressed, and air is trapped between them. Trapped air reduces the material's ability to transfer conductive heat.



ASTM C518 TEST METHOD

Density	Thermal conductivity (k) @ 75 °F (24 °C) BTU·in/ft²·h·°F	R-value per inch of thickness*
2.5	0.27	3.7
4.0	0.23	4.3

*R_C = thickness divided by "k"

ACOUSTIC BEHAVIOR

FREQUENCY COEFFICIENTS PER ASTM C423

DENSITY	THICKNESS	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
		2"	0.34	0.61	1.07	1.09	1.07	1.1
2.5 pcf	3"	0.51	0.99	1.18	1.03	0.99	0.96	1.05
	4"	0.83	1.19	1.27	1.12	1.12	1.13	1.20
	6"	1.37	1.32	1.23	1.16	1.12	1.12	1.20

