



## TRU Steel Panel Certificate of Compliance

	<b>CRS Matte</b>	<b>CRS Smooth</b>	<b>CRS Tinplate</b>
Thickness, in	0.032 ± 0.002	0.020 ± 0.002	0.010 ± 0.002
Thickness, mm	0.813 ± 0.050	0.508±0.050	0.254 ± 0.050
Surface Finish	Matte	Smooth	Tinplate
Roughness $\mu$ in (Microinches)	25-65	≤20	≤20
Roughness $\mu$ m (Micrometers)	.63 -1.27	≤0.51	≤0.51
ASTM Spec.	A1008 D609 - Type 1	A1008 D609 - Type 3	A624
SAE AMS Spec	QQ - S - 698	QQ - S - 698	QQ - S - 698
ISO Spec	1514 Type 1, 3574	1514 Type 3, 3574	1514, 11949
Temper	3	3	T52
Hardness (Rockwell)	50-60	50-60	49-57
Tensile Strength (PSI)	43900-51900	43900-51900	75000-85000
Tensile Strength (MPa)	303-358	303-358	517-586

### Percent Chemical Composition of Steel Panels

	<b>CRS</b>
Carbon	0.10 Max
Manganese	0.50 Max
Phosphorus	0.030 Max
Sulfur	0.035 Max

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