

Design #	Name	Weight/SF	Material Thickness	Width	Maximum Length	Alloy	Temper	Tensile Strength	Yield Strength
EM 7800	Little Earth 1	4 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7801	Little Earth 2	4.7 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7802	Exchange 1	2.4 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7803	Exchange 2	2.6 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7804	Metal Valley	3.3 lbs./sf	0.08"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7805	Plaza	2.5 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7806	Roman Fold 1	3.3 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7807	Roman Fold 2	3.9 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7808	Pacific Sail	2.3 lbs./sf	0.11"	8"	20'	6063	T5	22,000 psi	16,000 psi
EM 7810	Mono Valley	3.7 lbs./sf	0.11"	9.174"	20'	6063	T5	22,000 psi	16,000 psi

## Definitions

**Temper** refers to the combination of hardness and strength imparted to the aluminum alloy by mechanical or thermal treatments.

**T5 temper** produces the tensile and yield strengths represented in the above chart.

**Tensile strength** is defined as the maximum stress that a material can withstand while being stretched or pulled before failing or breaking.

**Yield strength** is the stress at which a specified amount of permanent deformation of a material occurs.