



# SHELTER CONSTRUCTION COMPARISON

	<b>SHELTER WORKS</b>	<b>STEEL SHELTERS</b>	<b>ALUMINUM SHELTERS</b>
<b>STRENGTH</b>	★★★★★ Superior flexural strength. Pound for pound stronger than metal	★★★	★★
<b>CORROSION RESISTANCE</b>	★★★★★ Unaffected by moisture or immersion in water. Will not rust!	★★ Subject to oxidation. Requires paint/galvanizing	★★★ Subject to galvanic corrosion and oxidation without paint
<b>CHEMICAL RESISTANCE</b>	★★★★★ Impervious to most chemicals	★★ May need special coating to enhance chemical resistance	★★ May need special coating to enhance chemical resistance
<b>IMPACT RESISTANCE</b>	★★★★★ Will not permanently deform under impact	★★ Can permanently deform under impact	★ Can easily deform under impact
<b>THERMAL INSULATION PROPERTIES</b>	★★★★★ Composite design provides inherent thermal barrier and dimensional stability with low conduction	★★ Conductive material, expansion probable. Requires additional steps to control thermal transfer	★★ Conductive material, expansion probable. Requires additional steps to control thermal transfer
<b>COLOR</b>	★★★★★ Color is molded into exterior surfaces and bonded on a molecular level. Includes durable UV inhibitors	★★ Paints must be applied directly to surface. Adhesion subject to preparation. Rust likely with surface abrasions	★★ Paints must be applied directly to surface. Adhesion subject to preparation
<b>ELECTRICAL CONDUCTION</b>	★★★★★ Nonconductive - High dielectric capability	Conducts electricity. Requires grounding	Conducts electricity. Requires grounding
<b>EMI/RFI TRANSPARENCY</b>	★★★★★ Transparent	May interfere with EMI and RFI Transmissions	May interfere with EMI and RFI Transmissions
<b>WEIGHT</b>	★★★★★ Ultra-Light: ~ 70% less than steel, 25% less than aluminum. Reduces transportation/foundation cost	Heavy	Light
<b>FREEDOM FROM MAINTENANCE</b>	★★★★★ Virtually maintenance free	★★ Requires Routine Maintenance	★★★ Requires some maintenance
<b>USEFUL LIFESPAN</b>	★★★★★ 60+ years	★★	★★★
<b>WARRANTY</b>	★★★★★ 25 years	Typically 1- 5 years	Typically 1-10 years
<b>COST OF OWNERSHIP</b>	★★★★★ Lowest lifetime cost of ownership	★	★