

# ROOFING MATERIAL COMPARISON

	Metal	Asphalt
Cost	<ul style="list-style-type: none"> <li>• Improves home resale value</li> <li>• Potential savings on insurance</li> <li>• Light weight = less to ship, less framing requirements, and easier to handle</li> </ul>	<ul style="list-style-type: none"> <li>• Frequent roof replacement (every 10-20 years)</li> <li>• Ongoing maintenance is required</li> <li>• Cleaning required frequently and often causes loss of granules</li> </ul>
Expected Lifespan	<ul style="list-style-type: none"> <li>• Average lifespan 50+ years</li> <li>• Typically a 30-50+ year warranty</li> <li>• Transferable warranty in most cases</li> </ul>	<ul style="list-style-type: none"> <li>• Average lifespan 10-20 years</li> <li>• Warranty length varies by shingle manufacturer and material</li> <li>• Warranties are often heavily pro-rated and have many limitations</li> </ul>
Environment	<ul style="list-style-type: none"> <li>• Energy efficient</li> <li>• Made of recycled material</li> <li>• 100% recyclable at end-of-life</li> <li>• Low weight - Ships easily</li> <li>• Eco-friendly</li> <li>• Can often be installed over existing roof</li> </ul>	<ul style="list-style-type: none"> <li>• Made from crude oils and other chemicals</li> <li>• 11-13 million tons end up in landfills each year and can take 300-400 years to decompose</li> <li>• Not eco-friendly or energy efficient</li> <li>• Poor choice for solar</li> </ul>
Performance	<ul style="list-style-type: none"> <li>• Offering superior protection in severe weather events</li> <li>• Cool roofing paint options provide added emissivity and reflectivity which can = lower energy usage</li> </ul>	<ul style="list-style-type: none"> <li>• Due to their composition, are highly combustible and not recommended in wildfire prone areas</li> <li>• Offer limited protection in severe weather events (ex: high winds or hail)</li> <li>• Not ideal in hot climates which can cause curling, cracking, and heat retention</li> </ul>
Maintenance/ Inspection	<ul style="list-style-type: none"> <li>• Easy to maintain and clean as needed</li> <li>• Repairs and replacements are rare</li> <li>• Fade and chalk resistant with both PVDF or SMP paint systems</li> </ul>	<ul style="list-style-type: none"> <li>• Inspection every year at minimum</li> <li>• Shingle replacement common</li> <li>• Re-caulking and sealing as roof ages</li> <li>• Susceptible to mold and moss</li> </ul>
Aesthetic	<ul style="list-style-type: none"> <li>• Available in a wide range of colors, styles, and shapes</li> <li>• Metal roofing can look like any roofing material.... perfect for any home style</li> </ul>	<ul style="list-style-type: none"> <li>• Standard asphalt shingle look</li> <li>• Variations in color shading</li> <li>• Limited color selection</li> </ul>

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