

WHAT ARE THE ADVANTAGES OF METAL OVER OTHER RESIDENTIAL ROOFING MATERIALS

COMMON RESIDENTIAL OPTIONS

Product	Life Expectancy	Pros	Cons
Shingles	12-20 years	<ul style="list-style-type: none">• Low cost• Easy install	<ul style="list-style-type: none">• Short life expectancy• Consumes landfill space• Durability:<ul style="list-style-type: none">◦ Frequently blows off◦ Easily damaged by hail◦ Often plagued by mildew• Ongoing maintenance
Various Synthetic Products	20-40 years	<ul style="list-style-type: none">• Lower cost than natural products• Durability:<ul style="list-style-type: none">◦ Weather resistant◦ Resistant to rot, insects, UV◦ Impact resistant• Lightweight• Recyclable material	<ul style="list-style-type: none">• Can appear fake• Life expectancy varies greatly by manufacturer• Newer product family; longevity unproven• Not fire resistant; Some products can't meet Class A Fire ratings

Product	Life Expectancy	Pros	Cons
Green Roofs	20-40 years	<ul style="list-style-type: none"> • Environmentally friendly: <ul style="list-style-type: none"> ◦ Reduces the heat island effect ◦ Reduces stormwater issues ◦ Improves air quality in urban areas • Energy efficient • Fire resistant 	<ul style="list-style-type: none"> • Cost • Very heavy-may require additional structural support • High on-going maintenance • Local regulations may prohibit • Building shape and orientation requirements
Wood Shakes	30-40 years	<ul style="list-style-type: none"> • Natural insulating abilities 	<ul style="list-style-type: none"> • Ongoing maintenance • Durability <ul style="list-style-type: none"> ◦ Prone to fire damage ◦ Vulnerable to pests, mold & rot
Clay Tile	50 years	<ul style="list-style-type: none"> • Durability: <ul style="list-style-type: none"> ◦ Resist insects, mold & rot ◦ Fire resistant ◦ Impact resistant • Energy efficient • Recyclable • Minimal maintenance 	<ul style="list-style-type: none"> • Cost • Very heavy-may require additional structural support • Higher cost • Easily damaged by flying debris or foot traffic • Requires skilled installer • Can crack in freezing temperatures

Product	Life Expectancy	Pros	Cons
Metal Roofing	50-60 years	<ul style="list-style-type: none"> • Long life expectancy • 100% Recyclable • Energy efficient: Save 10-25% on heating and cooling costs. • Durability: <ul style="list-style-type: none"> ◦ Stands up great to high winds; hail ◦ Impact resistance ◦ Doesn't rot or mold • Life cycle costs • Fire resistant • Lightweight roof material • Minimal maintenance 	<ul style="list-style-type: none"> • Requires skilled installer • Higher upfront cost • Noisy if not insulated
Slate	80-100 years	<ul style="list-style-type: none"> • Long life expectancy • Fire resistant • Environmentally friendly • Durability: <ul style="list-style-type: none"> ◦ Resistant to mold growth ◦ Performs well in high-wind situations 	<ul style="list-style-type: none"> • Requires skilled installer • Higher upfront cost • Noisy if not insulated • Very heavy-may require additional structural support • High cost • Durability: <ul style="list-style-type: none"> ◦ Fragile tiles break easily • Requires skilled installer • Requires yearly maintenance