

ROOFING MATERIALS GUIDE

01 ASPHALT SHINGLES - 3-TAB

02 ASPHALT SHINGLES - LAMINATED

03 ORGANIC VS. FIBERGLASS SHINGLES

04 WOOD SHINGLES

05 SPECIALTY / TILE ROOF

06 METAL ROOFING

07 FIRE RESISTANCE RATINGS



SECTION 01

ASPHALT SHINGLES — 3-TAB

The most basic and common type shingle is called the 3-Tab or 20-year shingle. These have been around for many years and the least expensive and easiest to install of all shingle types. Since it's made with 3-tabs, its name is derived from the shape. It's also called a 20-Year shingle that corresponds with its warranty period.

Although it's an economy shingle, it provides many years of serviceable life. 3-tabs are produced in about 8 to 10 colors, limiting the choices if you're looking for a unique look. There are a few manufacturers who produce a 25-year, 3-tab shingle but it looks much the same as the 20-year product.

WARRANTY

20-25 Yrs

COLOR OPTIONS

8-10

COST TIER

Economy



SECTION 02

ASPHALT SHINGLES — LAMINATED

Also called a 30-year, Architectural or Dimensional shingle, offer a completely different look for roofing. Laminates are constructed in two parts, giving the appearance of a deeper and thicker shingle. They are heavier than their 20-year counterparts and they provide a much nicer look.

Laminates are made in many more colors than 20-year shingles. The colors of granulation are also more varied and special effects called Shadow Banding to give them much more depth.

Laminates are tougher than 3-tabs and resist wind damage better than 3-tabs. We highly recommend this type of shingle. If you currently have 3-tabs on your home, the small cost of this upgrade is perhaps the best investment to protect your home and increase its curb appeal!



SECTION 03

ORGANIC VS. FIBERGLASS SHINGLES

Organic is the current word used to describe traditional asphalt shingles, which differentiates them from an up-and-coming alternative called fiberglass shingles. There's some confusion about organic shingles – some people think they're green, environmentally friendly, or made from organic material, but that is not the case. When it comes to shingles, organic means non-synthetic.

With traditional shingles, manufacturers would use recycled paper to create the base of the shingle; new fiberglass shingles use a fiberglass base. The two types look the same on your roof and are made by a similar production process: base, tar, saturated, then colored granules embedded into the asphalt. Both are flexible and both are applied by installers the same way – the difference is what the tar and gravel mixture is bonded to.

Since 2010, shingle manufacturers in North America have moved away from the traditional organic base, largely to avoid expensive warranty claims.

	ORGANIC SHINGLES	FIBERGLASS SHINGLES
BASE MATERIAL	Heavy felt (recycled paper)	Non-woven glass fibers
HEAT RESISTANCE	More prone to curling on hot, poorly ventilated roofs	Better resistance – less likely to curl
FIRE BEHAVIOR	More susceptible to catching fire / melting	Less susceptible to fire and melting
INDUSTRY TREND	Declining since 2010	Now the industry standard



SECTION 04

WOOD SHINGLES

Wood shingles and shakes are made from cedar, redwood, southern pine and other woods; their natural look is popular in California, the Northwest, and parts of the Midwest. Wood shingles are machine sawn; shakes are handmade and rougher looking.

A point to consider: some local building codes limit the use of wood shingles and shakes because of concerns about fire resistance. Many wood shingles and shakes only have Class C fire ratings or no ratings at all. However, Class A fire ratings are available for certain wood shingle products that incorporate a factory-applied, fire-resistant treatment.



SECTION 05

SPECIALTY / TILE ROOF

Specialty roofing products are made by the hundreds. These are just a few that are most commonly used in Oklahoma. We carry an extensive library of special roofing materials – call now for a free consultation for that difficult-to-find or unique roofing material.

Tile – clay or concrete – is a durable roofing material. Mission and Spanish-style round-topped tiles are used widely in the Southwest and Florida, and flat styles are also available to create French and English looks. Tile is available in a variety of colors and finishes. Tile is heavy. If you are replacing another type of roof system with tile, you will need to verify that the structure can support the load.



SECTION 06

METAL ROOFING

A metal roof will probably be the last roof you will ever install. It offers a great-looking, life-long alternative to other common roofing materials. Over the life of your home, metal roofing will probably be the most economical choice when compared to the limited life expectancy, and re-installation and repair costs of traditional roofing materials.

It is a low profile panel which provides 36-inch width coverage, has a 3/4 inch high trapezoidal rib on 9-inch centers, and is available in 26 gauge. Recommended minimum roof slope is 2:12. We custom cut classic rib panels to meet the exact specifications of your roof, saving valuable installation time.

PANEL COVERAGE WIDTH	36 inches
RIB HEIGHT / SPACING	3/4 in. trapezoidal rib on 9 in. centers
GAUGE	26 gauge
MINIMUM RECOMMENDED SLOPE	2:12
FACTORY CUT LENGTH	5 ft. minimum – 45 ft. maximum

Key features of classic rib metal roofing:

✓ Applies over open framing or solid substrate	✓ Can be applied over existing roofing, eliminating disposal costs
✓ Reduces maintenance	✓ Increases your home's value
✓ Lightweight – less than 1/3 the weight of asphalt	✓ Can't rot, crack, split, or break
✓ Fire resistant for added protection	



SECTION 07

FIRE RESISTANCE RATINGS

An asphalt shingle's ability to resist fires, like most other roofing materials, is categorized by Class A, B or C. Class A signifies the most fire-resistant; Classes B and C denote less fire resistance. Generally, most fiberglass shingles have Class A fire ratings, and most organic shingles have Class C ratings.

CLASS	FIRE RESISTANCE	TYPICAL SHINGLE TYPE
A	Highest – most fire-resistant	Fiberglass shingles
B	Moderate fire resistance	Varies by manufacturer
C	Lowest – least fire resistance	Organic shingles