

Roof System

What is a roof system?

A roof system are the components that when installed together make up the quality and integrity of the roof. Many systems, such as the Lifetime Roofing System by Atlas come backed by a limited lifetime material warranty protecting the homeowner's investment for years to come.

Anatomy of a Roof System

Generally, the roof system is made up of three parts:

1. The Decking
2. The Underlayment
3. The Roofing

1. The Decking

The decking is the actual wood covering of your roof. This is usually made up of OSB or plywood. The sheets of decking should be spaced no more than 1/4" apart and should be free of any decay or rot.

2. The Underlayment

A layer of deck protection is installed directly over the decking. Depending on the pitch of your roof and the building codes in your area, either 15 lb felt, 30 lb felt or the new synthetic underlayment that is constructed with lightweight, extremely strong, woven polypropylene fabric, containing UV and water resistive coatings is used in the installation. The underlayment has two purposes. First, it provides protection to the decking until the shingles can be installed and secondly, the underlayment acts as another layer of moisture protection within the roof system when the roof is completed.

3. The Roofing

The Starter Strip - A starter strip is the first layer of shingles that is applied at the bottom, or eave section of your roof. Pre-cut starter strips save time and waste and also provide added protection against blow-offs because of their special adhesive strip.

Quality Shingles - At Valley Exteriors, we only install high quality shingles for our customers. These shingles serve as your home's biggest line of defense from the elements protecting you, your loved ones and your property. Quality shingles are also aesthetically pleasing, have many colors to chose from and will improve the overall look of your home.

Ridge Cap - Once the shingles are installed, ridge cap is installed on all hips and ridges of your roof. This element of your roof system places extra protection at some of your roof's most vulnerable points.

Other Elements

Attic Ventilation - Proper attic ventilation is necessary for your roof system. Moisture and heat can accumulate in the attic and damage your roof from below without sufficient attic ventilation.

Pipe Jacks - The pipe penetrations of your roof need to be replaced when the new roof system is installed. The sun and the elements can wreck havoc on the neoprene boot on the pipe jack flashings and need to be replaced.