



**NEW ROOF NO MESS<sup>®</sup>**  
**THE HOMEOWNER'S GUIDE**  
**TO ROOF REPLACEMENTS**

BROUGHT TO YOU BY NEW ROOF  
NO MESS<sup>®</sup> CONTRACTORS

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## **INTRODUCTION**

*This booklet is designed to provide more information on the components and processes involved in installing your new roof.*

From the first time you contact us, our goal is to provide you with a worry-free roof replacement experience. We know construction can be a messy and stressful time for the entire household, so we strive to treat your home with the respect and care it deserves.

We are proud to bring the New Roof No Mess® experience to you using tools and equipment—including the Equipter RB4000—that will protect your property and landscape. We will endeavor to answer any questions along the way, so that, along with this booklet, you will have a complete understanding of the project.

In the back of this booklet, we've included a handy checklist to guide you through the roofing project. In addition, there's space for notes or questions you might want to jot down.

Thank you for placing your trust in our company. We look forward to serving you and your home.

## **ASPHALT SHINGLE ROOFING: A HISTORY**

*Asphalt shingle roofing is a tried-and-true roofing product that has evolved since the 1900s and is the most popular residential roofing material used today.*

Asphalt shingles were originally made with asphalt-soaked rags, paper, and different fibers that were then pressed with ground slate or stone (now referred to as organic shingles).

Both organic and fiberglass shingles are used today. Fiberglass shingles consist of a fiberglass mat saturated with asphalt and pressed with ceramic granules.

When cutting mechanisms were developed, squares of the granulated sheets were produced. This process eventually evolved into cutting the shingle squares into strips for easier installation.

Since the '80s, many shingle styles have been created—anything from simple 3-tab shingles to laminated shingles, which give a more layered, architectural look to homes like yours. This evolution of shingles gives us the various choices and color combinations we have today.

The basic components of shingles have not changed much in the last 100 years. However, technologies used in production have improved so much that roof life expectancies have gone from approximately 15 years to 30 or 40 years.

Asphalt shingles are the most popular residential roofing material in the country for a reason. They are durable and affordable and, with today's colors and styles, they offer more versatile options to create homes unique to the residents' tastes.





## **GETTING TO KNOW YOUR ROOF: WHAT'S REPLACED**

First, a few terms for reference.

When house hunting, you likely look at the **square** footage of a home. Roofers do something similar when measuring a roof and calculating supplies. We break that measurement down further, referring to roofs in “squares.” One square is equal to 100 square feet. It takes 3 or 4 bundles of shingles to cover a square, depending on whether they’re 3-tab or architectural shingles. Architectural shingles are thicker and heavier, meaning there are fewer shingles in those shingle bundles.

Another common term is the **pitch**, or **slope**, of your roof. Simply put, it is the measurement of the steepness of your roof. The pitch is measured by the inches your roof rises for every 12 inches of its horizontal run and is usually expressed as a fraction or ratio.

The pitch of your roof is important because it plays a large part in determining the materials used in the re-roofing process. Different roof pitches require different materials to effectively protect your home from leaks.

# Types of Roof Profiles

There are two basic roof profiles:

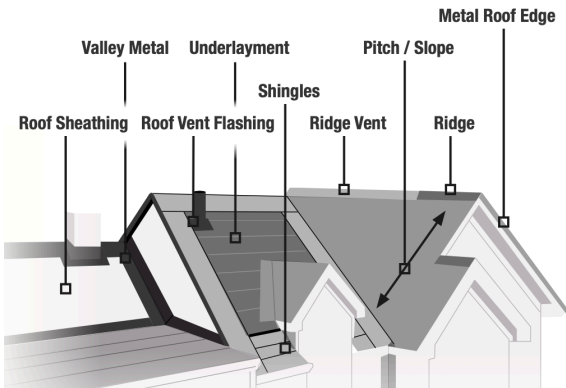
- **Gable Roof**

This resembles a paper folded in half, which has the ridge pieces on the top and shingles neatly trimmed on the edge (referred to as a rake edge).

- **Hip Roof**

A hip roof has several facets, and the ridge pieces will be installed along all the hips and ridges.

Some roofs have both of these styles incorporated in their design. Specially sized shingle pieces will form a decorative cap (called the ridge cap) along the ridge of both of these roof types.



## Parts of Your Roof

**Roof sheathing**, or the wood deck, is the plywood installed on the trusses and joints of your roof. It builds a strong foundation for the rest of the roof components.

The **flashing** on your roof is fabricated metal used as a water diverter. It is used with sealants, caulking, or mastics to keep water from getting into openings or cracks and is often painted to match the roof. Anywhere the roof begins, ends, joins together, or comes in contact with another object on the roof, it needs to be flashed. This includes roof penetrations, such as areas cut out of the roof for pipes, vents, or skylights.

**Valley metal** and the **metal roof edge** are also types of flashing used where the roof joins or ends. The majority of roof leaks come from these areas when flashings are older and not properly installed. If flashings on the roof are near new, they may be reused.

**Underlayment** is fiberglass-based asphalt-saturated felt or a synthetic membrane made out of woven polymers. Both sufficiently protect the roof sheathing, and each has its own set of benefits.

**Ridge vents** are installed on the ridge of a roof and allow proper ventilation of the attic for a longer-lasting roof.



## **THE IMPORTANCE OF PROPER VENTILATION**

*Proper home ventilation is key to the health of your home—interior and exterior. Your home needs to breathe, just like you.*



Every situation is different depending on the roof structure, the pitch of the roof, the attic, and the climate of the area. But all roofs operate on the same basic premise—they need airflow. For proper ventilation, the intake of air and the “exhalation” of air, is required for your roof.

Your attic needs to be able to get rid of hot air in the summer, so it doesn't cook your shingles from the inside out. In the winter, it needs to be able to eliminate hot air to prevent uneven snowmelt, which causes ice dams. Most importantly, your attic needs to be able to get rid of moisture to prevent mold and wood rot.

Improper ventilation can cause leaks inside your home that have nothing to do with roof flashing issues. Wood rot and mold can age and/or cause premature failures of your roof. Improper ventilation can also cause carbon monoxide issues.

Take the time to address possible issues with your salesman. This is the perfect time to create a ventilation system that works well for your home and extends the life of your roof.

## DECONSTRUCTION

To better understand the scope of what our crew will be doing with your roofing project, let's take a look at what materials will be taken off of your roof. These materials are removed in the following order:

- Items attached to the roof or other roof accessories (e.g. solar panels)
- Hip and ridge caps (and vents, if necessary)
- Shingles, nails/staples
- Underlayment
- Roof vent flashings
- Metal roof edge and valley metal
- Roof sheathing (if necessary)

All of these materials (with the occasional exception of the roof sheathing) need to come off your roof, and, in most cases, be disposed of.



## RECONSTRUCTION

After deconstruction, all new products will be loaded onto your roof and professionally installed, meeting local and industry regulations. Reconstruction of your roof will take place in the following order:

- Roof sheathing (if necessary)
- Valley metal and metal roof edge
- Underlayment
- Asphalt shingles
- Ridge ventilation system and flashing
- Hip and ridge caps

**EQUIPTER RB4000  
AT YOUR SERVICE!**

Certain shingle manufacturers recommend using only their brand for a roof system, which includes shingles, ridge caps, ventilation accessories, underlayment, and more. They may offer better manufacturer warranties for using a system. Your sales representative will know what is available in your area.

Nowadays, there are more options than ever before for choosing, installing, and maintaining your roof. Along with longer warranties, there are products specially formulated for protection from ice and snow, as well as advanced ventilation solutions. Be sure to ask your sales representative about what products would work most efficiently for your home.



## **POTENTIAL HIDDEN DAMAGE AND COSTS**

*Please keep in mind, when you get a quote from a contractor, he can only quote your roofing project based on what he sees.*

With all the home renovation shows out there, you are probably aware of the surprise costs that come when a wall is opened up. It's in every episode—bad plumbing or dangerous electrical problems. And there goes the money for the gold-plated bathroom fixtures!

The same thing can happen when we open up your roof. Everyone should be aware that there could be hidden surprises during the roof replacement process. Plan for it. Before the roof can be reconstructed, any attic or installation issues need to be identified and fixed. Repairs may also be needed on the eaves, sheathing, or roof penetrations.

Some roof structures may have spaced sheathing (wood slats with spaces). In this case, we will either fill in the slats or cover it all with plywood. There may be years of leaking flashing that never made it into your house but has ruined the wood under the roof. Your roof's beams or ventilations may also need repair.

Discuss the possible scenarios with your contractor before starting the project, so that you can budget for those unforeseen situations.

## **WHAT TO EXPECT DURING YOUR ROOFING PROJECT**

Roofing can be messy. Traditionally, large trucks and equipment have to be parked against your home and/or on your lawn and driveway. This is inefficient and often damages the landscape on your property, so, as a professional contractor, we bring something safer.

We are committed to providing the New Roof No Mess experience for our customers using the Equipter RB4000. This piece of equipment eliminates all the extra mess without bringing heavy equipment onto your lawn. You can be assured that your lawn won't have ruts and your shrubs won't be ruined when we leave your property.



During the roof replacement process, some noises may seem particularly loud inside your home. This is typically a result of setting down bundles of shingles, the crew walking across the roof, or nail guns in use. There's no need to worry—it's completely normal.

Be aware that vibrations during the process may set off your security systems. Also, roofing can be dirty, so remember to cover valuables in your attic to protect them from the dirt and debris created from removing your old roof.

## **THE EQUIPTER RB4000**

The Equipter RB4000 has the advanced technology needed to do an exceptional job in your roof replacement process. After being towed to the job site, this self-propelled dump trailer can be driven directly to where it's needed on the job. It's lightweight composition was designed to protect your lawn from ruts.

The RB4000 has a 12-foot lift that allows its container to be lifted directly under the eaves of the roof to catch old shingles and other debris, so your lawn won't be littered with scraps and nails when you come home.

Using the Equipter RB4000 allows us to provide you with the New Roof No Mess experience, treating your property with care as we work. You don't have to worry about wear-and-tear on your lawn and landscape. The dump trailer's 4-foot rollback feature also extends over your flowerbeds to prevent debris from damaging that landscape you work so hard to maintain.

Not only do we keep your property neat and clean, but we're also able to work much faster than the average roofing company. The Equipter carries our tools for us, so we're not hauling them up ladders throughout the day. It also saves us from double- or triple-handling heavy debris, so we're not spending as much time cleaning up at the end of the day.

## **WHAT TO DO WHEN OUR CONTRACTORS ARRIVE**

*Communication and preparation are important for safety and efficiency during a roofing project.*

Exchanging contact information can eliminate unnecessary hassle. If our salesperson has not already done so, we will provide you with the name and phone number of our project manager. We will also confirm your contact information that we have on file in case we need to reach you.

As we get set up to work, our crew may need access to electrical outlets for some of their equipment. Please locate suitable outlets for them. In addition, if you have gated areas that we'll need access to during the roofing process, please keep the gates unlocked.

For everyone's safety, keep kids and pets secure during the roofing process. In spite of our extensive safety precautions, accidents happen. Extension cords, ladders, saws, compressors, and more can pose a danger to your loved ones. Therefore, we ask that you keep everyone safe and away from the work zone during your roof replacement.

We aim to treat your property with the utmost respect. Although you likely shared this information with your sales representative, we ask that you point the following property features out to our contractors:

- Sprinkler heads
- Less noticeable plants
- Landscape accessories
- Sewage systems
- Any other items/places to avoid

Keep in mind that roofing materials and equipment may be stored in your driveway or in the street in front of your home. We recommend creating a plan ahead of time for temporary parking options that help provide room for these items essential to install your new roof.



## **CARING FOR YOUR NEW ROOF**

*Just like you would change the oil in your car to keep it running well, it's vital to think about maintaining your roof. An annual roof checkup with your professional contractor will ensure a longer lifespan for your roof.*



A yearly checkup can help identify damage that may have occurred during a storm or by some other means. Catching loose flashing early can prevent leaks and thousands of dollars in damage. Clogged gutters, leaves, pine needles, and excessive algae or mold on the roof could increase the risk of damage to your roof.

Preventative measures should be applied, whether that means re-caulking where necessary or checking for missing vent caps (you may even find that special toy that's been missing for 6 months). Remember, contractors are trained to be up on the roof and know what to look for. If you want a professional to do a quick inspection of your roof, ask your sales representative about scheduling an annual inspection after your roof replacement.

## **OUR SUCCESS IS BUILT ON YOUR SATISFACTION**

*Advertising in several ways is important,  
but most of a roofing company's new  
business is a result of referrals from happy  
customers.*

*Referrals are a vital part of our business.*

Your satisfaction can give our next customer the confidence to hire us. The extra job your referral brings helps us hire and keep the best craftsmen for our projects—keeping up our quality. It also allows us to invest in the best equipment to protect our customers' properties and work more efficiently. Together, all of this lets us serve you even better on future projects.

No matter what, we welcome your feedback. Feel free to connect with your sales representative with any questions or comments, and we always appreciate positive recognition within the community and online.

## CONVENIENT CHECKLIST

Please use this checklist to make sure you are prepared for a smooth and worry-free project.

### To Do In Advance:

- Exchange contact information with your sales representative
  
- Tell neighbors and associations about the upcoming project
  
- Secure valuables that may be susceptible to vibrations
  
- Cover valuables in the attic
  
- Put away or cover pots, outdoor furniture, etc.
  
- Locate outdoor electrical outlets
  
- Prepare a designated location for the delivery of materials and equipment

## **Things to Discuss with the Foreman:**

- Confirmation of contact information
- Work start and stop time restrictions
- Street parking restrictions
- Any sprinkler heads or other delicate lawn items

## **To Do During the Project:**

- Keep pets secure
- Unlock gates
- Keep children out of work zones

## **To Do After the Project:**

- Fill out the manufacturer's warranty
- Ask about an annual checkup
- Provide feedback to your sales representative

**Enjoy your new roof!**





INSERT YOUR INFORMATION HERE