

Maintenance and Repair Guidelines

For your Malarkey Warranted Roof System

General Information

Thank you for choosing Malarkey Roofing Products to provide your new roof system. A roof system protects your investments, and we at Malarkey appreciate the responsibility that you have given us as your product manufacturer. We take this responsibility most seriously and will do all in our power to assure you a quality roof that provides protection season after season. As the new owner of a Malarkey roof system, there are things you can do to ensure that the performance of your new roof extends beyond the warranty period. Care of the roof is generally simple and the efforts put forth on periodical maintenance will pay you dividends in extended roof life and reduced problems over the life cycle of your roof.

Malarkey system warranties are provided on applicable roof systems that are pre-approved by Malarkey and installed by an approved Malarkey applicator in good standing. While Malarkey does not own or operate roofing applicators, we do “approve” roofing applicators to apply warranted systems. Only established contractors who, through their reputation in the industry and community, have proven that they apply roofs in a professional manner are eligible to construct and repair Malarkey roof systems. The appellation “Malarkey Approved Roofing Contractor” identifies a contractor who has met our requirements and is eligible to apply for a Malarkey roof warranty, but it does not designate him as an agent for Malarkey.

Additional information concerning your roof or specific conditions can be obtained from Malarkey.

Procedure for Reporting and Repair of Leakage

Should your roof develop a leak, it is very important that it be handled expeditiously! If left unrepaired, leaks can not only damage the building and its contents, but can also damage your roof system.

If a leak is discovered, it should be reported immediately to Malarkey Technical Services Department by calling 1-800-545-1191 or by fax to 1-503-283-5405. Our hours are 7:00 am to 5:00 pm, Monday through Friday, US Pacific Coast Time.

Once the leak is determined, Malarkey will either authorize repairs under the terms of the warranty or, if not a covered item, will inform you of the findings and work with you to remedy the problem. The original contractor must perform repair work performed in the first two (2) years (or as stated in the contract documents) on a Malarkey Warranted Roof System. If this presents a problem, we will work with you to see if other roofing arrangements can be made. In most cases, if the work is not performed by the original contractor it can jeopardize the warranty you received from the original roofing contractor.

Repairs made at any time during the warranty period must be performed by a Malarkey Approved Roofing Contractor to avoid jeopardizing your Malarkey roofing systems warranty. Special circumstances can always occur, contact Malarkey for details or assistance.

Alterations and Modifications

Malarkey recognizes that alterations or modifications to a building are sometimes necessary for a variety of reasons. For your Malarkey warranty to remain in force, Malarkey requires that any alterations or modifications that effect or contact the roof system be pre-approved in writing by

Malarkey. Unauthorized alterations or modifications will jeopardize or place restrictions on all or part of the Malarkey warranty.

Warranty holders can easily obtain approval for properly designated alterations and modifications by submitting a written request along with detailed roof drawings of the alterations and their locations on the roof to:

Malarkey Roofing Products
Technical Services Department
P.O. Box 17217
Portland, OR 97217-0217 USA

At Malarkey's discretion, inspection of the alterations to your roof system may be required. Verifications of completed alterations and/or modifications may sometimes be achieved by submission of photographs. Please enclose an explanation of the repair procedures to the above address. If an inspection is required, depending on circumstances, there may be a charge for the inspection service. Should an inspection of your roof system be required, costs are limited to Malarkey's reasonable out of pocket expenditures, including travel.

Inspection Practices

Malarkey recommends that you have semi-annual inspections performed by a qualified individual, preferably in the spring and fall. Inspections are also recommended after a severe storm, after maintenance is performed on rooftop equipment or when the roof is used as an access path for any purpose. A log of all persons working on the roof or using it as an access is recommended. Such a log should contain name(s), date, a brief description of activities and their locations on the roof. Such a log may assist in more rapidly determining leak locations and the cause if damage should occur to your roof system.

During an inspection, the condition of all roof components should be reviewed, noted and photographed. These can then be forwarded to Malarkey if warranty work is needed, or used by the contractors to bid work. The selection of a contractor for repair work should be done in conjunction with Malarkey. As noted in the section titled **Procedure for Reporting and Repair of Leakage**, the selection of the contractor can affect your warranty. *Use only Malarkey Approved Roofing Contractors on warranted roofs. Obtain pre-authorization for all repairs and/or alterations.*

Specific Areas of Inspection

Built-up Roof Systems

Roof system and Base Flashings: Carefully check the entire roof surface and vertical base flashings for signs of abnormal conditions such as:

- New penetrations are often unauthorized and improperly installed
- Excessive wear and tear or surfacing loss
- Damage such as cuts, punctures or breaks
- Wind or storm damage
- Visible attacks by spilled chemicals or environmental contaminants i.e. bird feces

Areas in need of repair must be corrected with like procedures and materials. Variations to the original application methods may be needed depending upon job circumstances. These variations must be pre-approved by Malarkey.

Metal Flashings and Roof Accessories

Gravel-stops/Edge Metal: Check carefully for separation between the membrane and metal, rusting, wind damage or breaks at lap joints. Re-secure as needed and reseal using like membrane sheets embedded in a uniform layer of hot asphalt or Malarkey adhesive.

Metal Roof Jacks: Carefully check all pipe and vent locations for cracking or separation of membrane sheets from the metal flanges. Check condition of the secondary seal of sealant around the base of the jack. Reseal as needed with Malarkey adhesive / sealant. If sealant is used at the top of the roof jack check for cracks and separation.

Drains and Scuppers: Check all locations and clear the outlets of any obstructions. Ensure drain bolts are tight and clamping rings are not cracked. Check for voids, gaps, or separations between the roof membrane and metal flanges. Repair breaks or voids with like membrane sheets embedded in a uniform bed of Malarkey adhesive.

Metal Counter Flashings: Check for rust, damage due to wind or vandalism and ensure that metal is securely fastened. Check the condition of sealants. Replace any missing or damaged metal that is not repairable. Re-secure and reseal as necessary.

Pitch Pans: Though not covered by the warranty, check for cracks or separation between the roof membrane and metal flanges. Check the condition of pitch pan filler for excessive shrinkage. Repair breaks at flanges with like membrane sheets embedded in a uniform layer of Malarkey adhesive. Refill pitch pan with proper pitch pan filler material. Installation of pitch pan covers or caps can provide additional protection.

Metal Wall Copings, Drip Edge Fascia, and Guttering: Check condition of metal for rust, damage due to wind, vandalism, and the condition of seam covers and sealants. Ensure coping is securely fastened. Replace any missing or damaged metal that is not repairable. Re-secure and reseal as necessary.

Roof-mounted Equipment: Curb-mounted vents, ducts, skylights and air conditioning units must be checked for damage from service personnel, wind damage and leakage of chemicals. Minor damage is repairable by applying like membrane sheets adhered in hot asphalt or cold adhesives.

Note: The owner or in-house maintenance persons can do many maintenance repairs, but Malarkey recommends that all significant repairs or work that requires a working knowledge of roofing is best left to a Malarkey Approved Roofing Contractor.

Cleaning the Roof Surface, Gutters, and Downspouts

Roofs should be kept clean on a regular basis. All trash, debris and dirt that accumulate should be collected and removed from the roof. Leaves and foliage must be kept from hindering drainage of water in valleys and outlets.

Shingled Roof Systems

Roof system: Carefully check the entire roof surface and all flashings for signs of abnormal conditions such as:

- Loose tabs
- New penetrations are often unauthorized and improperly installed
- Excessive wear and tear or surfacing loss
- Damage such as cuts, punctures or breaks
- Wind or storm damage
- Visible attacks by spilled chemicals or environmental contaminants i.e. bird feces

Areas in need of repair must be corrected with like procedures and materials. Variations to the original application methods may be needed depending upon job circumstances. These variations must be pre-approved by Malarkey.

Shingles: Carefully check the shingles for any tabs that may be loose. Hand-seal any loose tabs with a spot of shingle tab adhesive.

Chimneys, Walls, Skylights, Vents: Check that:

- Metal step flashing and counter flashing is present and secure.
- Shingles are embedded in roof cement where they contact the metal flashing.

Counter flashing, Drip Edge Fascia, and Guttering: Check condition of metal for rust, damage due to wind, vandalism, and the condition of seam covers and sealants. Ensure coping is securely fastened. Replace any missing or damaged metal that is not repairable. Re-secure and reseal as necessary.

Roof-mounted Equipment: Curb-mounted vents, ducts, skylights and air conditioning units must be checked for damage from service personnel, wind damage and leakage of chemicals.

Metal Roof Jacks: Carefully check all pipe and vent locations for cracking or separation of shingle from the metal flanges. Check condition of the secondary seal of roof cement or sealant around the base of the jack. Reseal as needed with plastic roof cement.

Cleaning the Roof Surface, Gutters, and Downspouts

Roofs should be kept clean on a regular basis. All trash, debris and dirt that accumulate should be collected and removed from the roof. Leaves and foliage must be kept from hindering drainage of water in valleys and outlets.

Revised 01/09