

STATEMENT OF POLICY

1.1 GENERAL POLICY AND AUTHORIZED USE

This technical specification manual is intended for the private use of the representatives and employees of Ecology Roof Systems® and those authorized by Ecology to develop specifications from its use, such as professional architects, consulting engineers, general contractors, roofing contractors and building owners. It is intended to provide assistance in determining the design and construction of roof systems comprised of Ecology's Modified Roof Membranes or Built-up Roof Systems. Information presented is designed to be in accordance with industry standards and the manufacturer's experience in the roofing industry.

1.2 SYSTEM SELECTION

Where roof components other than those offered by Ecology are mentioned, it is to assist the specifier. Ecology cannot control the field application or material quality of another supplier's materials even when installed by Ecology Certified Applicators. The roofing contractor has sole responsibility for the overall quality of the installation. Ecology's obligation is to provide quality materials that meet the seller's specifications and are suitable for the purpose intended.

It is the responsibility of the representative, architect, engineer, contractor or owner to verify the proper use, installation and assembly of all materials in the waterproofing structure. The specification writer should be familiar with all local/state building codes and other regulations not presented in this manual.

The specification writer should be familiar with all requirements for new roofing imposed by the facility's insurance carrier. Where the insurance underwriter for the facility requires an FM or UL Approved system, the approval for the acceptability of any Ecology assembly not already FM or UL tested is the responsibility of the specification writer.

Where replacement of any roof membrane components are being considered, the materials should be evaluated for asbestos content prior to the job being bid. Ecology acts as a manufacturer and supplier of materials and does not practice architecture or engineering.

Since these specifications should not be construed as absolute, please consult with Ecology Roof Systems® Technical Services Department for any questions relating to its specifications at 1-800-553-3833. Ecology Roof Systems reserves the right to alter or change these specifications without prior notification.

1.3 GUARANTEES

Ecology Roof Systems® offers a wide variety of guarantees based on the materials, specification used, and the project requirements designed to protect the building owner against material defects in Ecology's membranes. Details regarding specific guarantee coverage, limits and exclusions are available from Ecology's Technical Services Department.

Ecology assumes no responsibility for non-guaranteed roofs using Ecology's products or specifications. No guarantees will be given on projects where Ecology has no control over specification, material substitution, material application, or the conditions under which such roofs are applied. In order for a roof to qualify for a guarantee, it must be installed by an Ecology Certified Applicator. No substitution of products offered by Ecology and defined in the enclosed specification manual shall be made without the written approval of Ecology's Technical Services Department.

The area to be guaranteed must be bounded by some form of acceptable perimeter termination, such as metal edging, parapet walls, expansion joints, etc. to provide isolation from other adjacent roof areas and decking.

For guarantee applications where recovering over an existing roof system(s) is being considered, the Ecology Technical Services Department would need to review the proposed project for details on the cause of the previous roof system's failure and other details regarding the advisability of recovering versus full replacement.

No agent, salesman, contractor, distributor or anyone has the right to modify these installation instructions or specifications or to issue a guarantee unless signed by persons expressly designated by Ecology. Any deviations from the specifications presented in this manual must be approved in writing by Ecology's Technical Services Manager or an authorized officer of the company.

1.4 ECOLOGY APPROVED CONTRACTORS

Ecology does not perform roof contracting installation services and except for the terms of any warranty issued on a particular project cannot be responsible for the roofing contractor's workmanship. Ecology requires proper certification of any contractor wishing to bid on and install any Ecology roofing system, which requires an Ecology guarantee. Ecology maintains a list of those contractors who are presently approved. Where a specific non-approved contractor wishes to bid on Ecology specifications, the contractor must submit credentials to the specification writer with final acceptance given by Ecology's Manager of Technical Services.

1.5 INELIGIBLE ROOFS

Ecology will not issue any Modified Bitumen or Built-up Membrane or System's guarantee for installed roofing, under the following circumstances, without specific written authorization from the Ecology Roof Systems® Technical Manager:

- Cold storage and cooler buildings, unless the deck is also insulated from the underside and ventilation allows proper flow of air and moisture away from the isolated roof system.
- Under and around cooling towers due to potential chemical attack by agents and chemicals used to treat the water. An additional ply or special treatment of the area may be necessary as a maintenance procedure.
- Roofs that hold ponded water for longer than 48 hours.
- Any roof that is not accessible for proper inspection or re-inspection.
- Facilities where chemical, food processing, or other environmental contaminants may cause harm to the newly installed membrane without authorized proper surfacing or protective collectors in place.
- Storage silos or heated tanks.
- Facilities where conduit is placed directly on the deck (typically wood or other decking designed to act as the ceiling), causing an uneven surface or lack of uniformity in the installation of insulation.

Where conduit exists on metal decking, the conduit must be set into the channels. Ecology

assumes no responsibility for the use of conduit in this manner and strongly suggests the placement of all conduit below the substrate - far enough to provide proper safety in anchoring any mechanical fasteners used to install new roofing components.

- Private residences.
- Roofs smaller than 2000 square feet, unless part of a project involving multiple sections that total more than 2,000 square feet.
- Over roof systems where phenolic insulation has been installed directly onto a metal deck system.
- Over existing wet roofing materials or new materials, which became wet during installation.
- Over certain deck systems mentioned in this manual's General Design Recommendations Section.