

Material Safety Data Sheet (MSDS)

1. Product identification, composition and use

Product Name: RoofAquaGuard MT

Composition: RoofAquaGuard MT is manufactured with a Polyester carrier and SBS modified bitumen.

Product Use: Intended for use as a roofing underlayment

Manufacturer: Lemminkainen Katto OY
Sammonmaki, PL 10,
Puusepantie 11,
04361 Tuusula
Finland

Telephone: (358) 9 870 441

Fax: (358) 98251 070

2. Hazardous Ingredients/Warnings

The product is chemically inactive and is biologically inert. It is not a skin irritant.

RoofAquaGuard MT underlayment raw materials and additives contain no asbestos or asphalt products.

This declaration is based on individual approvals obtained by the suppliers of Lemminkainen Katto OY raw materials and ingredients.

To avoid danger or suffocation, the product should be kept away from babies and children.

This product is not considered dangerous to the environment.

3. Fire Hazard

This product burns, but is not classified as flammable. Flash point is approximately 350° Celsius (662°F).

The final products at complete combustion are carbon dioxide and water. At incomplete combustion with reduced oxygen supply, carbon monoxide, which is highly toxic, may form.

As for many other compounds, like wood, paper and other products from oil other decomposition products like various hydrocarbons, acids and aldehydes may also form, but only in very small quantities.

4. Fire Fighting

Water in a spread jet, dry chemical, foam and carbon dioxide can be used.

5. Handling

The product is stable under normal conditions of use, storage and transportation. For safe installation, it is recommended to follow installation instructions given by the manufacturer/seller.

6. Waste Handling

The product can be used as landfill, or incinerated, as required.

DISCLAIMER

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Specification Sheet

1. Classification

Roof covering and roof deck construction-Underlayment
Can be used on steep sloped roofs beneath composite, metal, clay, concrete, slate, wood and other roofing materials.

2. Product Name

RoofAquaGuard MT High Performance Roofing Underlayment

3. Manufacturer

Lemminkäinen Katto OY
Sammonmaki, PL 10,
Puusepantie 11,
04361, Tuusula
Finland
www.roofaquaguard.com

4. Product Description

RoofAquaGuard MT is manufactured with a polyester carrier and SBS modified bitumen. RoofAquaGuard MT measures 40 in. wide and comes in 60 ft. rolls weighing 41 lbs. per roll.

The average coverage per roll is 2 squares.

RoofAquaGuard MT is green in color which helps reduce heat loads on attic structures.

5. Approvals

ICC-ES (in process)
Miami Dade (in process)
Florida Building Code (in process)
CAN/CSA: A220 (in process)

6. Testing

Passed ICC-ES AC 48 and ASTM D1970

7. Installation

Always start from the lowest point on roof deck. The membrane should be unrolled, exposed to sunlight and allowed to relax before installation. Align the membrane on the lower edge of roof. Pull back the release film and align the membrane on the lower edge of roof. Pull the release film to peel back and apply membrane. Roll lower edges and seams with a hand roller. Use flat broom or squeegee to help lay flat and adhere the field of the underlayment. Where nailing is required for steep 9:12 pitch and above, slope applications, back-nail and cover nails by overlapping with the next sheet. Valley and ridge applications: peel back the release film, center the sheet over the valley or ridge and press firmly into place. Always start from lowest point on valley applications. End laps must be at least 6 inches and side laps must be at least 3 inches. For best adhesion, apply in minimum 40°F or higher. Store rolls at temperatures between 55°F and 95°F. It is recommended that a roof jack, with planks, toe boards, or a strong platform be secured to the underlying roofing deck to prevent slippage of stored materials on steep sloped roofs (greater than 4:12 pitch). See OSHA regulations (Standard 29 CFR), fall protection systems criteria and practices - 1926.502. Installing final roofing within 6 months from initial underlayment application is recommended.

8. Technical Services

RoofAquaGuard MT provides a 25 year limited material warranty. For warranty and technical information, go to www.roofaquaguard.com.

9. Maintenance

None when installed in accordance with manufacturer's recommendations.



Marketing and Sales

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www.roofaquaguard.com