

## INSTALLATION INSTRUCTIONS:

### Peel and stick ice & water guard

#### SUBSTRATE PREPARATION:

- May be applied directly to plywood, wood composition board, polyisocyanurate, extruded and expanded polystyrene insulation, gypsum sheathing and wood plank.
- For best adhesion, lightly prime wood and masonry substrates.
- Primer must be fully cured prior to membrane application.
- Deck may not have voids or areas that are unsupported.
- Deck must be clean and dry or loss of adhesion may occur.

#### APPLICATION GUIDELINES

- Always start installation from the lowest part of the roof deck.
- Align the membrane on the lower edge of roof.
- Pull back the split release film to either side of the membrane.
- For improved adhesion, roll over edges and seems with a hand roller. Use a flat broom, or squeegee to help lay flat and adhere the field of the underlayment.
- Valley and Ridge applications: Center the sheet over valley, or ridge, peel back the split release film and press firmly into place. Always start from the lowest point on the valley applications.
- Where nailing is needed for steep slope applications, backnail and cover nails by overlapping with the next sheet.
- End laps must be at least 6 inches and side laps must be at least 3 inches.
- For best adhesion, apply in minimum 45°F or higher.
- Store rolls at temperatures between 55 and 95° Fahrenheit.

Refer to peel and stick high temperature manufacturer's installation instructions. All Material must be installed in compliance with applicable codes and ordinances. Approvals: Meets ASTM D1970.

#### PRECAUTIONS and LIMITATIONS:

- Always wear fall protection when working on a roof deck.
- All underlayments can be slippery when wet, or covered by frost.
- Remove release liners soonest possible from work area, as they can be slippery.
- Follow maximum recommended exposure guidelines when exposing underlayments to sunlight.
- Do not fold underlayments over the reeef edge unless it is protected by flashing material.

### All material must be installed in compliance with applicable codes and ordinances

- Do not install underlayments directly on old roof covering.
- Check with the Manufacturer of Metal Roofing, for any special requirements when underlayment is installed under metal roofing which do not have proper ventilation.
- Underlayments are air and vapor barriers, therefore always provide proper roof insulation and ventilation.
- Repair holes, tears, and damage to membrane with a round patch of membrane extending past the damaged area 6 inches.

#### SAFETY, STORAGE and HANDLING

- Read all product labels and Material Safety Data Sheets (MSDS) for proper handling and disposal.
- Deliver all materials in manufacturer's unopened packages.
- Palletized material should be stacked only two high.
- Store all materials under cover.
- Avoid prolonged storage above 32°C (90°F).

#### Marketing, Sales & Technical Support:

Nemco Industries Inc.  
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**Manufactured for:**  
Lemminkäinen Rakennustuotteet OY  
PL 10,  
04361 Tuusula, Finland



## Use under Metal or Tile

This Peel and Stick product is specifically designed to cater for the growing Metal and Tile markets, but is also user friendly with other roof coverings.

### RoofAquaGuard MT

- Coated with a Green "Non-Slip" fiber felt cover, a Peel and Stick Polyester carrier and a SBS Modified Bitumen
- Has a split release film
- Excellent adhesion properties
- Has been approved by Dow Chemical Co., when installing Tile, to be fastened with their "Tile Bond" foam adhesive.
- Will not adhere to Metal panels
- Can be installed in cool temperatures down to +45° F and can withstand temperatures of up to +280° F
- Can be left uncovered & exposed to the elements for up to 180 days
- One of the few peel and stick products which fully comply to the ASTM D1970 specifications and requirements, such as prevention of moisture ingress through the overlapped selvedge edge
- Limited 35 Year warranty



MT



**ROOFAQUAGUARD LIMITED WARRANTY**

Lemminkainen Rakennustuotteet OY ("Manufacturer") warrants to the buyer ("Buyer") of the Manufacturer's synthetic roofing underlayment product ("Product") that the Product will not prematurely deteriorate to the point of failure because of weathering for a period of 35 years from the sales invoice date ("Warranty Period") only if installed in a workmanlike manner strictly in accordance with and for the purpose stated in Manufacturer's installation instructions.

This warranty does not cover leaks or damage caused by any penetrations (including penetrations by fasteners or objects placed on the roof), or by animals, vandalism, fire, abusive conditions, inadequate or faulty structural design, structural defects, building alterations, natural forces such as tornados, hurricanes, earthquakes, other acts of nature, or any other cause beyond Manufacturer's control. This warranty covers the Product material only. Flashings, adhesives and other accessories used in the roofing system are not covered by this warranty. This warranty does not cover any costs or expenses associated with testing, repair, removal, or replacement of the Product.

To make a warranty claim, Buyer must, within 15 days from the date that the claimed defect in the Product was discovered: (1) Give Manufacturer written notice of the defect including, without limitation, detailed descriptions of how the Product was used, the defect and how and when the defect was discovered; (2) Deliver to Manufacturer field samples or digital pictures of the Product legibly showing the Product production codes and digital pictures showing the defect. To be effective, any such notice, samples and pictures must be sent by registered or certified mail to Manufacturer addressed as follows:

Lemminkainen Rakennustuotteet OY  
c/o Nemco Industries Inc.  
4655 Caulfeild Dr  
West Vancouver, BC V7W 1E9  
Canada

Manufacturer shall, at its sole option, and as Buyer's sole remedy, either, repair, refund the purchase price of, or provide replacement for, that portion of the Product which has been proven to be defective in a manner covered by this warranty. The value of these remedies shall be determined solely by the Manufacturer based upon the current prices for the Product prorated by the number of remaining months of the unexpired Warranty Period. The maximum pro-rated value for repair or refund shall not exceed the original Product purchase price. Any such replacement or refund shall constitute the limit of Manufacturer's liability or obligation for any defective Product. Buyer shall pay all handling and transport costs in connection with any warranty claim.

This warranty shall become void if any person not expressly authorized by Manufacturer performs any repairs or alterations within the Warranty Period or if Buyer fails to give notice of defect within the time and in the manner described above.

The warranty set forth herein is Manufacturer's sole and exclusive warranty for the Product. This warranty shall be the Buyer's exclusive remedy for any use of the Product against Manufacturer or its distributors or sales representatives. No representative of the manufacturer has authority to give any warranties except as stated herein. THERE ARE NO WARRANTIES EITHER EXPRESSED OR IMPLIED, EITHER AT COMMON LAW OR BY STATUTE INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES UNDER THE SALE OF GOODS ACT [RSBC 1996] C.410, AND THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH MODIFY THE WARRANTY CONTAINED IN THIS DOCUMENT. MANUFACTURER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES ARISING FROM THE USE OF THE PRODUCT, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFITS, DAMAGES TO THE STRUCTURE OR ITS CONTENTS, PERSONAL INJURY OR PUNITIVE DAMAGES, BASED ON ANY THEORY OF LAW WHATSOEVER.

No modification of this warranty or waiver of its terms shall be binding on either party unless approved in writing by an authorized representative of the party. This warranty may not be modified by any course of dealing or performance, trade usage or failure to enforce any term of this warranty. Buyer may not assign or permit any other transfer of this warranty without Manufacturer's written consent. If any of the terms contained herein are unenforceable, such term shall be limited only to the extent necessary to make it enforceable, and all other terms shall remain in full force and effect. No action for breach of this warranty may be commenced more than one year after the accrual of the cause of action. This warranty is the complete, final and exclusive agreement of the parties with respect to the quality or performance of the Product and any and all warranties for the Product. All legal aspects of this warranty including, without limitation, its interpretation, the rights and duties of the parties under this warranty and conflict of laws shall be governed by and construed in accordance with the laws of British Columbia, Canada, and the parties submit and attorn to the jurisdiction of the courts of the province of British Columbia.



**ROOFAQUAGUARD MT**

TECHNICAL DATA PROPERTY	TEST METHOD	TYPICAL VALUE
Roll Dimensions		40 in x 60 ft
Roll Weight		41 lb
Roll Size		200 sq.ft
Color		Light Green
Top Surface		Synthetic - Polyester Fabric
Reinforcement layer		Polyester
Release liner		Silicone based, split release film
Adhesive Bitumen		SBS Peel & Stick
Permeability	ASTM E96-00	TBD
Nominal Thickness	ASTM D5147	50 mil
Nail sealability	ASTM D1970	Pass - Self Sealing Around Nails
Tear Strength lbf	ASTM D4073/1970	MD 86, CMD 45
Elongation %	ASTM D2523	MD 59, CMD 57
Low temperature flexibility	ASTM D1970	(-20 F); pass
Adhesion to plywood 75F+/- 2F (lbf/ft)	ASTM D903/D1970	24.7lb
Load break (lbf/in)	ASTM D2523/D1970	MD 37, CMD 34
Installation Temp.range (min & max)		45° F - 280° F
Approved also for		Polyurathane Foam Adhesive
Tile Roof Loads		No Degradation of waterproofing properties
Conforms to	AC 48	
Exposure time w/o covering		180 Days
Manufacturer's Limited Warranty		35 Years
Shipping specifications		24 rolls/pallet 37 pallets/40' container
Approvals		ICC ESR #3022
Approvals		Miami Dade NOA #09-0527.02
Approvals		FL #10657

**3-LAYER CONSTRUCTION**

