

TL-0003 — Exposure Guidelines for Roofing Underlayments

Exposure Guidelines

The GRACE VYCOR™ portfolio of underlayments (GRACE VYCOR™ ICE & WATER SHIELD®, GRACE VYCOR™ ICE & WATER SHIELD® HT, GRACE VYCOR™ ULTRA™, GRACE VYCOR™ SELECT™ and ROOF DETAIL MEMBRANE) are not meant to be left permanently exposed to the sun. In general, the membrane should be covered with the final roof covering as soon as possible. However, these underlayments may be left exposed (as described in the general exposure guidelines below) if necessary, to accommodate construction scheduling or weather problems.

During the time period the product is left exposed there are two primary factors at work on the membrane: heat and ultraviolet (UV) radiation. UV radiation will not affect the membrane in any significant way during its maximum exposure limit. Heat will not likely affect the performance of the product either, but there may be some changes in appearance depending on the climate and length of exposure.

CERTAINTEED UNDERLAYMENT	MAXIMUM EXPOSURE GUIDELINES (DAYS)
GRACE VYCOR™ ULTRA™	120
GRACE VYCOR™ ICE & WATER SHIELD®	90
GRACE VYCOR™ ICE & WATER SHIELD® HT	120
GRACE VYCOR™ SELECT™	30
ROOF DETAIL MEMBRANE	90

After the maximum exposure period, it is normal for the self-adhered membranes to appear slightly wrinkled. It is also normal to see a slight color change in the non-slip coating on the membrane surface. There may be a small amount of curling at the edges of the membrane as well. None of these issues will affect the performance of these self-adhered underlayments once covered.

Before covering the membrane after a long exposure, it should be inspected to ensure that any wrinkling or other movement that has taken place has not affected any of the lap areas. If a wrinkle forms that extends to the edge of a lap, it must be cut, pressed down, and patched before the roof is covered. Use a round patch of membrane extending past the damaged area 6 inches (150 mm) in all directions. Any curling at the edges or corners must be cut and patched if the affected area is more than 1/2 inch (13 mm) wide. If exposures longer than the maximum exposure period are anticipated, please contact your local CertainTeed technical sales representative.

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