



GAP GuardShield Installation Instructions

Synthetic Roofing Underlayment

FOR USE ONLY UNDER ASPHALT SHINGLES

MEETS OR EXCEEDS THE FOLLOWING CERTIFICATIONS: ASTM D226, ASTM D4869

GAP GuardShield Roof Underlayment must be installed above properly ventilated spaces per local building codes, and is a vapor barrier. The roof deck should be swept clean of dirt and debris and be smooth and dry prior to installation. GAP GuardShield must be continuously supported by the flat roof deck surface and should never be installed over any existing roofing underlayment or cladding materials, voids, batons or any other uneven surface. GAP GuardShield Roof Underlayment is limited to use with roof coverings that do not involve any hot asphalt or coal-tar pitch. A sharp, straight edge cutting blade is recommended for cutting GAP GuardShield. GAP GuardShield Roof Underlayment should be installed when the ambient air and substrate temperatures, at the time of installation, are above 40°F (4°C). GAP GuardShield Roof Underlayment is laid horizontally (parallel to the eave) with the printed side up and with 4-inch (10 cm) horizontal overlaps and 6" (15 cm) side (end) overlaps. Align head laps with the expected direction of flow of water in a shingling fashion. GAP GuardShield Roof Underlayment should only be used in roofing slopes of 2/12 or greater (roofing slopes of 2/12 to 4/12 should be double felted (50% overlaps). In normal wind zones, GAP GuardShield should be attached to the roof with roofing nails (ring shank) having a 1" (2.5 cm) diameter approved plastic cap spaced at 6" (16 cm) on center on all overlapping edges and 12" (32 cm) on center in the field area in the middle of the roll. Nails can be hand or machine applied, but should be driven squarely on the deck to secure the plastic caps flush to the underlayment. Do not use staples as a fastening method. This material can be used in many High Wind Zones (e.g., as evaluated by TDI) but not intended for High Velocity Hurricane zones (like Miami-Dade and other similar extreme wind zones), please consult your local code enforcement officers for your wind zone requirements. For roofs required to have an ice barrier under the International Building Code ("IBC), a self-adhered membrane material, complying with ASTM D1970 or the ICC-ES Acceptance Criteria for Severe Climate underlayments (AC 48) shall be applied prior to installing the GAP GuardShield Roof Underlayment. The severe climate underlayment shall be applied over the solid substrate, in accordance with local building codes, in sufficient courses that the underlayment extends up the roof deck a distance equal to the distance inside the interior wall line of the building that is specified in the appropriate section of the applicable code. GAP GuardShield Roof Underlayment shall overlap the severe climate underlayment 4" (10 cm) and fastened to the roof deck as stated above. The final roof covering must be installed over the GAP GuardShield within 90 days of the GAP GuardShield Roof Underlayment installation. The procedures for new construction also apply for re-roofing applications after the removal of the old roof covering and underlayment to expose the roof deck.

SAFETY PRECAUTIONS (Please read completely before installation)

CAUTION! GAP GuardShield may be slippery when wet, or covered with mud, dust, frost, ice or snow

Comply with all ASHA or other standards and codes of work

ALWAYS use a fall protection system when working on roofs

Use roof jacks with planks, toe boards or storage platforms secured to the roofing substrate to prevent slippage of stored material, tools and any other items used on the roof

Stay away from power lines, do not contact with body or equipment

On steep pitched surfaces, roof jacks with planks should be used for standing

Follow all ladder safety standards and codes

Never leave scraps, wrappers, labels or other debris on the roof surface

Dispose of waste in accordance with local regulations