

High-Temperature Underlayment Applications



Best-in-class MetShield® ice and water underlayment protects the roof structure from water seepage caused by ice dams and wind-driven rain. Designed specifically for high-temperature applications of metal roof installations, it will resist temperatures up to 250° without degradation of the adhesive, and self-seals around roofing nails, screws and clips used to install the primary roofing system. This high-tensile strength underlayment is a 40 mil SBS modified bitumen with a UV-resistant anti-slip polyethylene woven top facer and is required under all Drexel Metals roof warranted systems.

Features and Benefits

- Protects the roof structure from water seepage caused by ice dams and wind-driven rains
- Resists temperatures up to 250°F without degradation of the adhesive
- Seals around roofing nails, staples and screws
- Bonds directly to the roof substrate for fast and easy installation without the need for additional adhesives
- Split-release film provides easier, faster installation
- Resists cracking, drying and rotting, providing long-term waterproofing performance and low lifecycle cost
- Concealed waterproofing system will not detract from the architectural aesthetics of the primary roofing system
- Exposed rubberized asphalt bead along the membrane edge ensures watertightness of lap seams
- Made in USA

Standards

- UL Classified
- ICC-ES ESR #2206
- 2009 and 2012 International Building Code™
- Florida Building Code Approved Product
- Meets ASTM D1970

Storage

MetShield roofing underlayment rolls should be stored on end, under cover and in areas where the temperature is between 40° and 100°F (4.4° and 38°C). Do not double-stack pallets.

Warranty

MetShield is backed by Drexel's industry-leading warranty. Visit our website for warranty details.

Installation

MetShield underlayment is applied when the roof deck is dry and the substrate temperature is 40°F (4.4°C) or higher. At temperatures below 40°F, nailing or priming should be used to temporarily hold the membrane in place while adhesion develops. MetShield is designed to be covered with the primary roofing system and should not be exposed to sunlight for more than 120 days.

Moisture: Substrate must be free of any moisture. If moisture is present, it may inhibit adhesion.

New construction: Prepare the roof deck by removing all loose objects, dirt, dust and debris.

Re-roofing: Remove all old materials from the roof deck in the area to be covered with MetShield underlayment.