



VOICE OF THE ROOFING COMMUNITY
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MERCY ICW1350 Self-Adhesive Underlayment

MERCY ICW1350 is a self-adhesive roofing underlayment constructed of a glass mat carrier coated with our popular blend of SBS polymers, premium asphalt, and additives that gives the membrane the perfect combination of durability and flexibility. MERCY ICW1350 top surface is a sanded layer, and the under surface is an easily detachable silicon- based release film covering a highly adhesive layer of asphalt.



Advantages:

- MERCY ICW1350 is used as an underlayment on high-sloped roof decks to protect against ice and water intrusion that may damage the roofing system.
- The sheet is highly effective against possible ridge build-up of ice dams on rakes, eaves, and valleys of steep roofs.
- Easy Handling: Equipped with an easy-peel dual split-release backer for straightforward installation.

Certifications:

- MERCY ICW1350 complies with the standards of ASTM D1970 and CSA A123.22-08.

Specifications:

Nominal Thickness	48 mils
Roll Size	36" x 65 ft
Nominal Weight	64 lbs
Package	30 rolls per pallet
Top Surface	Sand
Bottom Surface	Split Release Film
Gross Coverage	195 sqft
Net Coverage	183 sqft



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Performance Standards:

Specification	ASTM Standard	Nominal Values
Maximum Load (L, T)	D2523	4.4 KN / m
Elongation at Break (L, T) ASTM	D2523	10%
Adhesion to Plywood at 4°C, min	D903	0.92 kg/30.5cm
Adhesion to Plywood at 23°C, min	D903	5.44 kg/30.5cm
Thermal Stability ASTM	D1204	3 mm
Flexibility Temperature	D1970	-29 °C
Tear Resistance (L, T)	D4073	89 N
Waterproof Integrity of Lap Seam	D1970	Pass
Sealability Around Nail	D7349	Pass
Moisture Vapour Permeance, max	E96	5.7 ng/Pa.S.M ²
Slip Resistance	D1970	Pass

Disclaimer: All values are the average result of tests, measurements, and trials carried out in accordance to international standards such as ASTM, BS, and UEAtc. acceptable deviation according to UEAtc.

Installation Guidelines:

- Rolls should be stored upright. Cover rolls if stored outside. Avoid direct prolonged sunlight exposure. Storage temperature should not exceed 43°C.
- The surface shall be clean from all contaminants such as dust, oil and grease, and debris.
- If needed, prime the surface with a primer at a rate of 0.3-0.5 L/m² depending on surface smoothness. Wait till it is dry to touch.
- Lay down the rolls starting from the lower edge, unroll and align beside the other rolls with a 75mm side lapping.
- Peel the release film from the lower side, start unrolling the membrane, and press it from the centre towards the edges making sure to drive out any trapped air.
- Application temperature shall not be under 5°C to ensure good adhesion.
- The membrane must be protected from site activities, sun, and bad weather conditions.
- Use roofing nails if underlayment support is needed. Do not use staples.