



CCW WIP 100

WATER & ICE PROTECTION SELF-ADHERING ROOFING UNDERLAYMENT

DESCRIPTION

CCW Water and Ice Protection (WIP) 100 is used as shingle underlayments on critical roof areas such as eaves, ridges, valleys, dormers and skylights. CCW WIP membranes protect roofing structures and interior spaces from water penetration caused by wind driven rain and ice dams.

CCW WIP 100 is a flexible rubberized asphalt, fiberglass reinforced membrane with a granular surface providing maximum skid resistance during installation.

FEATURES & BENEFITS

- **Moisture and Air Barrier:** CCW WIP 100 protects the roof structure from water seepage caused by ice dams and wind driven rains.
- **Self Sealing:** CCW WIP 100 membranes seal around roofing nails, staples and screws
- **Used to ensure the watertightness of the primary roofing system in critical areas.**
- **Self Adhering:** CCW WIP 100 membranes bond directly to the roof substrate for fast and easy installation without the need for additional adhesives.
- **Skid Resistant:** CCW WIP 100 features a unique granular skid-resistant surfaces for safe and easy installation.
- **Permanent Protection and Low Life-Cycle Cost:** CCW WIP 100 will not crack, dry out or rot resulting in long term waterproofing performance.
- **Aesthetically Pleasing:** CCW WIP 100 is a concealed waterproofing system that will not detract from the architectural aesthetics of the primary roofing system.

APPLICABLE STANDARDS

- UL Listed
- ICBO Approved Report #ER-5260

INSTALLATION

General Information

Carlisle Coatings & Waterproofing offers six roofing underlayment products. The installation instructions are generic to all CCW WIP membranes unless otherwise stated.

Weather Conditions

CCW WIP roofing underlayments are 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 may be used to temporarily hold the membrane in place while adhesion develops. This product is designed to be covered with the primary roofing system and should not be exposed to sunlight for more than 14 days.

Substrate Preparation

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

Re-roofing: Remove all old materials from the roof deck in the area to be covered with CCW WIP roofing underlayment. Replace water-damaged sheathing and sweep roof deck thoroughly.

Priming: Not required for attachment to wood surfaces. All concrete surfaces should be primed.

VALLEYS, HIPS & RIDGES

Cut CCW WIP 100 roofing underlayment into manageable lengths. Align over the center of the valley, hip, or ridge. Remove release film. Press the middle of the membrane first before working towards the edges. For open valleys, cover CCW WIP roofing underlayment with metal valley liners.

EAVES & RAKES

Cut CCW WIP roofing underlayment into 10 - 15 ft. pieces. Remove 2 - 3 ft. of release film and align the edge of the membrane, sticky side down, so it overhangs the drip edge by 3/8" (10mm). Continue to remove release film and press as you move across the roof. Use a hand roller and/or hand pressure to press into place. Overlap end laps a minimum of 6". CCW WIP roofing

TECHNICAL DATA

PROPERTY	ASTM	RESULTS
Thickness	D-1970	55 mils
Tensile	D-412	40 lbf/in. min.
Elongation	D-412	10 %
Pliability	D-1970	Pass @ -25°F
Moisture Vapor Permeability	E-96	0.03 perms
Water Absorption	D-1970	0.37%
Peel Adhesion	D-1970	4 lb/in.
Lap Adhesion	D-1970	10 lb/in.

underlayment should reach a point 2' inside the interior wall line. If additional courses are required, the top lap must be at least 3.5".

Drip Edges: At the rake edge, apply CCW WIP roofing underlayment first and place drip edge on top. At the eave, apply drip edge first and place CCW WIP roofing underlayment on top of the drip edge so that it overhangs drip edge 3/8" (10mm).

For standard installation details, follow the CCW WIP detail drawings. For non-standard installation instructions contact your local Carlisle Coatings & Waterproofing representative.

LIMITATIONS

- CCW WIP 100 should be installed when air, roof deck and membrane temperatures are at or above 40°F (4.4°C).
- CCW WIP 100 should not be left exposed to sunlight for more than 14 days.
- CCW WIP 100 membrane should not be folded over the roof edge unless protected by a gutter or other flashing materials.
- The primary roof system must be ventilated to prevent excessive moisture build-up in the interior structure.
- Use caution during the installation of the membrane as it may become slippery when wet or covered with frost.
- CCW WIP 100 should not be used under metal roofs.

PACKAGING

3' x 33' (0.91m x 10.2 m) / 3' x 66' (0.91m x 20.4 m),
Shipping Weight 35 / 65 lbs., Rolls per pallet 30 / 20

Storage: CCW WIP 100 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.

LIMITED WARRANTY

CARLISLE COATINGS & WATERPROOFING INCORPORATED (CARLISLE) warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any CARLISLE materials prove to contain manufacturing defects that substantially effect their performance, CARLISLE will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by CARLISLE with respect to its materials. There are no other warranties, including the implied warranties of merchantability and fitness for a particular purpose. CARLISLE specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever.

The dollar value of CARLISLE's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the CARLISLE material in question.