

Hydroshield 50[®]

Hydroshield 50[®] is a 100% synthetic woven roof underlayment offering high tear strengths, including a tacky back-side slip resistant coating for added walking traction and a cool grey spunbond non-woven fabric surface.

- Non-woven walking surface with our AQUA TRAK[®] System
- Slip resistant back surface for added installation safety
- UV resistant and can be left exposed for up to 6 months
- 50 year warranty – guaranteed to shed water
- Pre-printed nailing pattern and overlap lines speeds installation

PRODUCT SPECIFICATIONS		TEST METHOD
Roll Width	48 in.	
Weight Per Square	2.0 lbs.	
Warranty	50 Years	
Water Transmission	Pass	ASTM D-4869
Tensile Strength	MD	175 lbs.
	CD	125 lbs
Pliability	Pass	ASTM D-226
Tear Strength	MD	45 lbs.
	CD	24 lbs.
Nail Sealability	Pass	ASTM D-7349

CODE LISTINGS
 International Code Council
 ICC ESR-4487
 Florida Building Code
 FL# 12512
 ITEM# HSSU50



**HydroShield 50**

SYNTHETIC ROOF UNDERLAYMENT

HYDROSHIELD 50® INSTALLATION

1. Please ensure the roof deck is clean, smooth and dry prior to beginning installation.
2. Hydroshield 50® is laid out horizontally (parallel) to the eave with the printed side up, with 3" (76 mm) horizontal laps and 6" (152 mm) vertical laps. On roof slopes less than 4:12, Hydroshield 50® should be lapped at 24" (61 cm) or to the center of the product and positioned over the underlying course.
3. Hydroshield 50® should be attached to the roof deck using plastic cap roofing nails or staples having a 1" (25 mm) diameter plastic cap. Spacing should be at 6" (152 mm) on center at both horizontal and vertical laps for normal wind zones, high wind zones and coastal areas. In all cases fasten at 12" (30 cm) from end laps of the roll in the field of the roof. The pre-printed nail pattern spacing described above applies to normal as well as high wind conditions.
4. The use of staples, 3/8" head diameter EG smooth shank roofing nails or 12 gauge corrosion resistant ring shank nails having a 1" diameter cap or tin tag to attach Hydroshield 50® is permitted only when the final roof covering is to be installed within 24 hours. Also, by fastening in the manner as described in this paragraph, the warranty of this product will not be enforceable as this is outside of the coverage of the product warranty. The use of pneumatic staple guns is not recommended.
5. Where seams and joints require the use of a sealant or adhesive, use a high quality, low solvent asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1, Federal Spec SS-153 Type 1 and consult manufacturer's installation instructions.
6. Depending on the roof pitch and surface conditions, it is recommended that roof jacks, toe-boards or a storage platform be secured to support roofing materials placed on the roof.
7. Hydroshield 50® is not designed for indefinite outdoor exposure and it is recommended that the installation of the final roof covering take place within 6 months. If Hydroshield 50® is fastened as stated in line 4 of these installation instructions, it is recommended to install the final roof covering within 24 hours.
8. As with any roofing product, always be careful to observe safe roofing codes and practices as by OSHA Standard – 29 CFR Fall Protection Systems Criteria and Practices - 1926.502.