



# Breathable Synthetic Roofing Underlayment



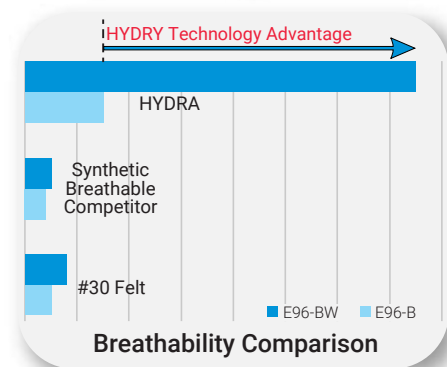
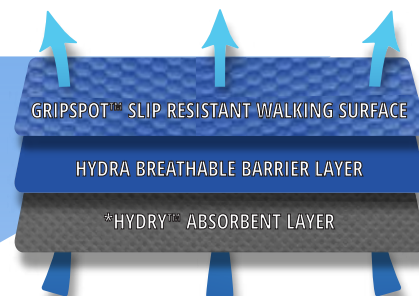
## HYDRA – Breathable Synthetic Roofing Underlayment

HYDRA is an industry leading, premium quality, mechanically attached breathable synthetic roofing underlayment designed for steep slope roofing to provide a lasting secondary layer of protection against wind driven rain, shingle blow offs, and damage caused by adverse weather conditions. HYDRA roofing underlayment offers durability, high permeability (30 Perms), and a unique HYDRY backside absorption technology that quickly absorbs water from the roof deck at a rate 10 times traditional #30 asphalt felt. This combination of high perm and absorption technology helps prevent mold and mildew by allowing trapped moisture to escape the attic space or roof deck.

HYDRA underlayment is designed for residential or commercial use under; metal, tile, slate, cement, shake or shingle primary roofing materials.

- **HYDRY™** absorbent technology offers; rapid roof deck drying, reduction in mold growth, and helps prevent roof deck rot
- Durable three-layer construction - 6x stronger and 5x lighter than #30 felt
- GRIPSPOT™ slip resistant walking surface
- HYDRA lays flat, does not wrinkle or curl, and offers low temperature flexibility
- 6 month UV Protection, Limited Lifetime Warranty
- Custom logo printing available

**FASTER DRYING  
WITH ABSORBENT**





Rolls & Pallets Specifications	
Width x length per roll	48" x 125 ft.
Sq. ft. per roll	500 sq. ft.
Weight per roll	20 lbs / 9.0 kg
Rolls per pallet (48" x 48")	36
Rolls per truckload - 40 pallets	1440

Specification & Standard	HYDRA	#30 Felt
Material composition	Polyolefin	Asphalt
UV resistance	6 Months	None
ASTM D226 types I & II	Meets & Exceeds	Meets
Water shower exposure ASTM D4869	Pass	Pass
Permeability ASTM E96-B	30 Perms	5 Perms
Permeability ASTM E96-BW	150 Perms	NA
Deck-side water absorbency in 10 min	35 g/m <sup>2</sup>	NA
Hydrostatic head AATCC 127	700 mm	NA
Temperature range	-40°F to 240°F	NA
Nominal thickness ASTM D1777	30 mils / 0.76 mm	60 mils / 1.52 mm
Enhanced slip resistant surface	GRIPSPOT™	Basic
Class A fire ASTM E108	Pass	NA
Limited warranty	Lifetime	None

The data shown above is based on the test averages and independent test reports. There can be a +/-10% variation in the individual test results. This report should not be considered as a warranty for the manufacturer. The manufacturer is not responsible for the misrepresentation or misinterpretation of the data by the reader. The HYDRA and GRIPSPOT™ logos are registered trademarks of FT Synthetics Inc.

## HYDRY™ Technology

HYDRY technology is designed to tackle high moisture content on the roof deck during installation. Non-breathable synthetic roofing underlayments will trap liquid water on a roof deck which can quickly lead to mold growth and possible roof deck rot. Other breathable roof underlayments don't perform much better and are slow to move liquid water from the deck. HYDRY technology quickly absorbs water from the deck and transfers it at a rate 15 times the leading breathable synthetic underlayment in the market and 10 times traditional #30 felt.



Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, CAN/CSA A123.3, CAN/CSA A220.1, Florida Building Code #FL20853, California Building Code Compliant, Class A Fire ASTM E108, CCRR 1028, AC188, Texas Department of Insurance, RCABC Roofstar.