



# 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, 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™ 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.

**FASTER DRYING  
WITH ABSORBENT**

- **GRIPSPOT™** (Patent# 2,938,005) slip resistant walking surface
- **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
- HYDRA® lays flat, does not wrinkle or curl, and offers low temperature flexibility
- 6 month UV Protection, Limited Lifetime Warranty
- Custom logo printing available



## FT SYNTHETICS HYDRA

Specification & Standard	HYDRA	#30 Felt
Width x Length per roll	48" x 125ft	36" x 72ft
Weight / sq. ft. per roll	20 lbs (16 kg) / 500 sq. ft.	45lbs/ 216 sq.ft.
Rolls per pallet (44"x 44")	36	25
Rolls per truckload - 40 pallets	1440	1000
Rolls required per 1,000 Sq feet	2	5
100% recyclable		
Material composition	Polyolefin	Asphalt
UV resistance	180 days	None
Breaking strength ASTM D 5034 MD / CD	Meets & Exceeds (ASTM D226)	NA
Tear strength ASTM D4533 MD / CD	Meets & Exceeds (ASTM D226)	NA
Water shower exposure ASTM D 4869	Pass	NA
Permeability ASTM E96 B/BW	12 Perms / 150 Perms	5 Perms
Mullen Burst	130 psi	NA
Nominal thickness ASTM D1777	30 mils	60 mils
Temperature range	-40° F to 240° F	
Enhanced slip resistant surface	Excellent (GRIPSPOT)	Basic
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. Please find out more about the product by calling 1-844-353-9839 or visit [www.ftsyn.com](http://www.ftsyn.com). The HYDRA, HYDRY and GRIPSPOT™ logos are registered trademarks of FT Synthetics Inc.



Product meets or exceeds all required building codes: ASTM D226 Types I & II, ASTM D4869, ASTM D8257 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, Miami-Dade NOA #: 21-0315.07.