

HYDRA - Breathable Synthetic Roofing Underlayment

SYNTHETICS

We Make Roofing Safer

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.



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Rolls & Pa		llets Specifications		
	Width x length per roll		48" x 125 ft.	
	Sq. ft. per roll		500 sq. ft.	
HYDRA	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	
Specification & Standard				
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/m²	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 th	e test averages and	independent test reports. There	e can be a +/-10% variation in	

The data shown above 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<sup>™</sup> 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 guickly 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.

