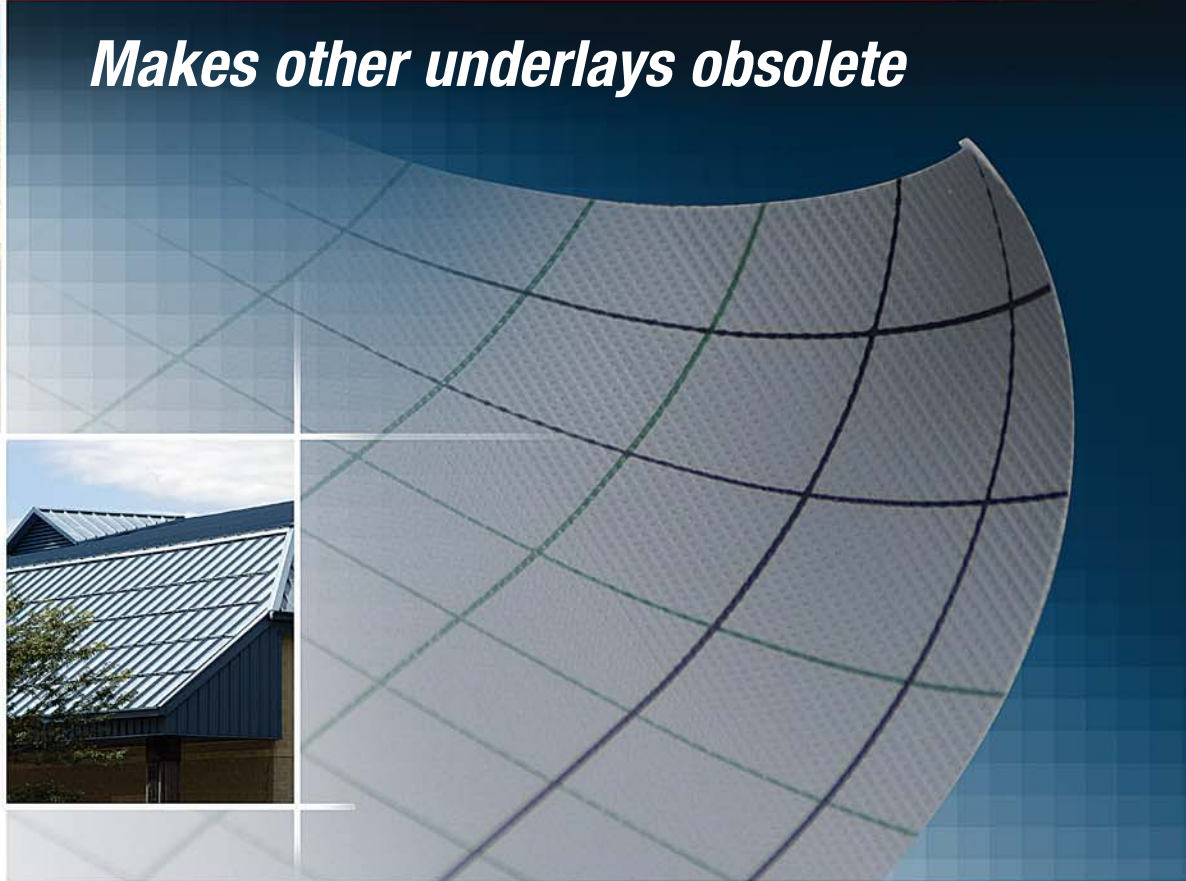


# MATRIX UL™

*Makes other underlays obsolete*



***Precision  
roofing  
in half  
the time***

***Fastest roofing  
ever***

***Easiest to handle***

***Keeps you on  
schedule***

**Matrix UL™ Roofing Underlay** comes with an exclusive cross-hatch grid pattern (patent pending) that does the measuring and aligning for you. No more measure and mark, no more risk of costly mistakes, no more call-backs. The line markings make it easy to install the underlay square to the roof ridge so it becomes a template for quick and accurate roofing. Just line up the edges of each tile or shingle using the grid pattern, and it's ready to nail. No other underlay makes roofing this fast and simple. The anti-skid textured grid surface also minimizes slippage and is effective on slopes, wet or dry.

**Matrix UL™ has an extraordinary strength-to-weight ratio.** It is 9 times lighter than 30# felt and lighter than other synthetics. It's easier to transport and handle on the site, and needs less space to store. Available in widths up to 60-inches – the widest underlayment in the industry, you can cover a large surface quickly with fewer nails. It rolls out flat and stays flat and wrinkle-free.

**Weather is less of a concern when you use Matrix UL™.** Unlike felt, it doesn't hold water and degrade when wet. No dry-out time is needed. Treated with UV inhibitors, it can be exposed to sunlight for normal construction dry-in periods. Its high tensile, tear and nail pullout strength prevent shifting during high winds. It sits tight, so you stay tight to your schedule.

**FABRENE®**

**– A WORLD LEADER IN ENGINEERED FABRICS**



## Super-tough

Made from polyolefin and finished cool gray on both sides, MatrixUL™ is a unique underlay that meets the most stringent building codes. Resistant to climate and weather, it does not stretch or warp so the accuracy of its imprinted grid pattern is maintained. MatrixUL™ retains its strength and flexibility even during cold wintertime construction.

## More watertight roofing

As a secondary water barrier, MatrixUL™ protects the structure by shedding water. Both aged and unaged samples passed ASTM D4491 testing for water permeance. In addition, the template accuracy of the roofing shingle installation avoids seepage through to the membrane.

## High puncture resistance

In the standard test for burst strength, it took a force of 118 psi to puncture MatrixUL™, far in excess of ordinary incidents such as dropping a box of nails.

## Compared to 30# felt

Not only 9 times lighter, MatrixUL™ is much stronger with 5 times the tensile strength and 40% greater nail pullout resistance. It doesn't lose any strength when wet, and retains no moisture to encourage mold.

## Compared to other synthetics

None offers the speed of installation you get with MatrixUL™ unique roofing template grids. It's as easy as line-it-up-and-nail.

## Lightweight rolls

Each 10 square roll of 48-inch MatrixUL™ weighs only 30 lbs and covers an area equivalent to 5 rolls of felt. Other widths are available, up to 60-inches. Rolls are shipped 15 to a pallet.

### Physical Properties and Test Results\*

PROPERTY	UNIT		VALUES	TEST METHOD
<b>Unit Weight</b>	oz/yd <sup>2</sup>		4.5	ASTM D3775
<b>Tensile Grab Strength</b>	lbf	Warp Weft	105 79	ASTM D751
<b>Tear Strength* (trapezoid)</b>	lbf	Warp Weft	24 16	ASTM D751
<b>Coating Thickness</b>	mil mil	Grey Grey	1.2 1.3	ASTM D1777 MOD
<b>Mullen Burst Strength</b>	psi		118	ASTM D751
<b>Water Permeance</b>	g/(m <sup>2</sup> • 24hrs)	Aged/Unaged	All Passed	ASTM D4491
<b>Vapour Permeance</b>	Perms		.8	ASTM E-96 Proc. A
<b>Fastener Pull Resistance</b>	lbs	Unaged	30.1	ASTM D3462
<b>Nominal Thickness</b>	mil		18	ASTM D1777 MOD
<b>TAS 104</b> - Miami Dade requirements - PASS				
<b>ACC 108</b> - ICC requirements - PASS				

#### The Warranty

FABRENE® warrants that Matrix UL™ will be free of defects in material and workmanship that are encountered during installation. The warranty does not apply to loss or damage due to abuse, mishandling, accident or failure to follow installation procedure, but does apply to damage caused by exposure to sunlight for a period of 6 months from date of installation. Material found to be defective will be replaced at no charge by Fabrene®, but in no event shall Fabrene® be liable for any other costs or damages, including any labor costs.

Matrix UL™ contains some ultraviolet inhibitors and is suitable for short-term outdoor applications. Suggested applications: nonpermeable roofing membrane. TESTS CONDUCTED BY INDEPENDENT LABORATORIES.

# FABRENE®

## From a proven manufacturer

Matrix UL™ is manufactured by Fabrene®, a world leader in engineered fabrics, and a division of PGI, a global, technology-driven company headquartered in Charleston SC. All Fabrene products meet ISO certification standards.

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For more information, visit our web site at:  
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DEALER