

## HaTelit<sup>®</sup> C 40/17

**HATELIT C 40/17** ASPHALT REINFORCEMENT GEOGRID PROVIDES *THE BEST SOLUTION* TO REFLECTIVE CRACKING IN ASPHALT OVERLAYS. HATELIT IS AN ASPHALT REINFORCEMENT COMPOSITE WHICH COMBINES A HIGH MODULUS POLYESTER GEOGRID WITH A LIGHTWEIGHT NON-WOVEN. THIS COMPOSITE IS COATED WITH BITUMEN TO STRENGTHEN THE BOND WITH THE ASPHALT LAYERS. HATELIT COMBINES WITH THE ASPHALT LAYER TO INCREASE THE TENSILE STRENGTH, THEREBY REDUCING TENSILE STRESS PEAKS. REFLECTIVE CRACKING IS ALSO REDUCED DUE TO HATELIT AND ASPHALT HAVING SIMILAR THERMAL EXPANSION PROPERTIES. HATELIT ASPHALT REINFORCEMENT REDUCES MAINTENANCE COSTS AND EXTENDS THE SERVICE LIFE OF THE OVERLAY.

### Physical Properties of HaTelit<sup>®</sup> C 40/17

PROPERTY	TEST METHOD	ENGLISH units <sup>1</sup>	SI units <sup>1</sup>
<b>Mass/Unit Area</b>	ASTM D-5261	8 oz/yd <sup>2</sup>	270 g/m <sup>2</sup>
<b>Aperture Size</b>	Measured	1.5 x 1.5 inch	40 x 40 mm
<b>Open Area of Grid</b>	CWO 22125	>80 %	>80 %
<b>Wide Width Tensile Strength</b>			
Machine Direction (MD)	ASTM D-6637	3,425 lb/ft	50 kN/m
Cross-Machine Direction (CMD)	ASTM D-6637	3,425 lb/ft	50 kN/m
<b>Tensile Strength @ 3% Strain</b>	ASTM D-6637	825 lb/ft	12 kN/m
<b>Elongation at Break</b>	ASTM D-6637	<10 %	<10 %
<b>Shrinkage @ 375° F for 15 min</b>		<1%	<1%
<b>Melting Point</b>	ASTM D-276	490° F	255° C

<sup>1</sup> MARV - Minimum average roll values are based on a 95% confidence level.

Standard Roll Size: 13.12 ft (4 m) wide x 492.1 ft (150 m) long = 717 yd<sup>2</sup> (600 m<sup>2</sup>)  
Weight: 485 lb/roll (220 kg)

Each roll of HaTelit<sup>®</sup> delivered to the project site is labeled by Huesker with a roll label that indicates manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of HaTelit are encased in a sturdy polyethylene wrap to shield the product from rain, dirt, dust and ultraviolet light. Contact Huesker for information on our material warranty.

P.O. Box 411529, Charlotte, NC 28241-1529 • (800) 942-9418 • FAX (704) 588-5988  
[www.huesker.com](http://www.huesker.com)