

HATELIT[®] 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 C 40/17 GEOGRID

PROPERTY	ENGLISH UNITS ¹	SI UNITS ¹
Weight	10.5 oz/yd ²	360 g/m ²
Grid Aperture Size	1.5 in	40 mm
Open Area of Grid	>80%	>80%
Wide Width Tensile Strength		
ASTM D-6637-Warp (MD)	3425 lb/ft	50 kN/m
ASTM D-6637-Fill (CMD)	3425 lb/ft	50 kN/m
Tensile Strength @ 3%	825 lb/ft	12.0 kN/m
Elongation at Break	10%	10%
Shrinkage @ 375° F (190°C) for 15 min.	< 1%	< 1%
Softening Point	375° F	190° C
Melting Point	490° F	255° C
Recommended Asphalt Aggregate Size (max)	0.75 inch	20.0 mm

¹MARV - Minimum average roll values

Standard Roll Size

Width (Also Available at 1.0 m)	13.12 ft	4.0 m
Length	492.1 ft	150.0 m
Area	717 yd²	600 m²
Weight	485 lb	220 kg

Each roll of HaTelit geogrid delivered to the project site is labeled by Huesker with the manufacturer's name, product identification, lot number, roll number and roll dimensions. All rolls of HaTelit are encased in a protective wrap to shield the product from rain, dirt, dust and ultraviolet light.



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