Hatelit® G 50
Data Sheet

Roads and Pavements

Hatelit® G 50 is an asphalt reinforcement composite interlayer specifically designed for mitigating reflective cracking in hot mix asphalt overlays. Hatelit® G 50 is an asphalt reinforcement composite which combines continuous filament high-strength fiberglass with a lightweight non-woven. This biaxial composite is pre-coated with bitumen to strengthen and enhance the bond with the new asphalt overlay, ensuring shear-bond strength between the new and old pavement. Hatelit® G 50 combines with the new asphalt layer to also increase the tensile and flexural strength of the overall pavement structure improving life-cycle performance of the investment in your new hot mix asphalt overlay. Hatelit® G 50 is used on medium distressed pavement conditions for optimum performance. HaTelit G 50 is manufactured in the U.S.A.

Physical Properties of Hatelit® G 50

PROPERTY	TEST	ENGLISH units[1]	SI units[1]
Mass/ Unit Area	ASTM D-5261	9.5 oz/yd^2	320 g/m^2
Aperture Size	Measured	1.5 x 1.5 inch	40 x 40 mm
Open Area of Grid	CWO 22125	> 80%	> 80%
Tensile Strength Single Rib			
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
Elongation at Ultimate Tensile Strength (MD &CMD)	ASTM D-6637	<3%	<3%
Melt Point of Fibers	ASTM D-276	572° F	300° C
Asphalt Retention	ASTM D-6140	0.10 gal/yd^2	0.47 l/m^2

[1]Minimum average roll values are based on a 95% confidence level. MD-Machine Direction CMD-Cross Machine

Standard Roll Size: 12.50 ft (3.81 m) wide x 328.1 ft (100 m) long = 456 yd^2 (381 m^2)
Weight (includes core) = 290 lbs. (132 kg)

Each roll of Hatelit ® geogrid 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 UV exposure. Contact HUESKER for information on our material warranty.

HUESKER
Ideas. Engineers. Innovations.