

HaTelit[®] C 40/17

HaTelit[®] C 40/17 ASPHALT REINFORCEMENT INTERLAYER, PROVIDES A UNIQUE SOLUTION TO REFLECTIVE CRACKING IN HOT MIX ASPHALT OVERLAYS. HaTelit[®] C40/17 IS AN ASPHALT REINFORCEMENT COMPOSITE INTERLAYER WHICH COMBINES A CONTINUOUS FILAMENT, HIGH MODULUS POLYESTER GEOGRID WITH A LIGHTWEIGHT NON-WOVEN; THAT IS PREIMPREGNATED WITH BITUMEN TO STRENGTHEN THE BOND WITH THE NEW AND OLD ASPHALT PAVEMENT LAYERS. IN ADDITION, THE BITUMINOUS COATING ALSO HELPS IN REDUCING DAMAGE UPON INSTALLATION AS COMPARED TO OTHER COMPETITIVE PRODUCTS. HaTelit[®] COMBINES WITH THE NEW AND OLD PAVEMENTS FORMING A MONOLITHIC PAVEMENT STRUCTURE THAT WILL INCREASE TENSILE STRENGTH, THEREBY REDUCING TENSILE STRESS PEAKS, IMPROVING FATIGUE LIFE. HaTelit[®] WILL ALSO MITIGATE REFLECTIVE CRACKING BECAUSE OF SIMILAR THERMAL EXPANSION PROPERTIES OF BITUMINOUS PAVEMENT COMPOSITIONS, REDUCING MAINTENANCE COSTS AND EXTENDING THE OVERALL SERVICE LIFE OF THE OVERLAY.

Physical Properties of HaTelit[®] C 40/17

| PROPERTY | TEST METHOD | ENGLISH units ¹ | SI units ¹ |
|--------------------------------------|-------------|----------------------------|-----------------------|
| Mass/Unit Area | ASTM D-5261 | 8 oz/yd ² | 270 g/m ² |
| Aperture Size | Measured | 1.5 x 1.5 in. | 40 x 40 mm |
| Open Area of Grid | CWO 22125 | >80 % | >80 % |
| Wide Width Tensile Strength | | | |
| 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 |
| Tensile Strength @ 3% Strain | ASTM D-6637 | 825 lb/ft | 12 kN/m |
| Elongation at Break | ASTM D-6637 | <10 % | <10 % |
| Shrinkage @ 375° F for 15 min | | <1% | <1% |
| Identification of Fibers | ASTM D-276 | 490° F | 255° C |

¹ 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 yd² (600 m²)
Weight: 485 lb/roll (220 kg)

Each roll of HaTelit[®] 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