



## TECHNICAL DATA SHEET

ATTRIBUTE	RESULTS	TEST METHOD
raw material	recycled glass gravel: 100 % recycled and special broken recycled glass, gradation = 2-4 mm	transmission of grain size according DIN 18123
binding material	Polyurethan, FilterPave > 50 % recycled	
chemical persistence	consistent	
tensile strength (NEAT Elastomer)	17.170 kN/m <sup>2</sup> - 7 days 21.980 kN/m <sup>2</sup> - 21 days	ASTM D412 + D638
stretching at max. tensile strength (NEAT Elastomer)	50 % - 28 days	ASTM D412 + D638
splitting tensile strength	22.000 kN/m <sup>2</sup> - 24 hours waterstored	DIN EN 1338, Annex F
tear strength	4.120 kN/m <sup>2</sup> - 7 days	ASTM D624
bending tensile strength	3.435 kN/m <sup>2</sup>	ASTMC78/DIN EN 12390-5
flexural modul	515 Nm	
uniaxial compressive strength	5.500 kN/m <sup>2</sup> - 7 days 8.240 kN/m <sup>2</sup> - 28 days	ASTM C39 ASTM D2166
uniaxial compressive strength	6.300 kN/m <sup>2</sup>	DIN EN 12390-3
friction coefficient	static (wet/dry): 0.90 – 1.05 kinetic (wet/dry): 0.75 – 0.85	ASTM D1895
abrasion according Böhm	loss of volume 19.000 mm <sup>3</sup> /5000 mm <sup>2</sup>	DIN EN 1338, Annex H
water permeability	Kv = 2,3 x 10 <sup>-3</sup> m/s (vertical) KH = 3,5 x 10 <sup>-3</sup> m/s (horizontal)	TP-Asphalt-StB, Part 19
Porosity	0,40- 0,47 %	
grain loss	22,3 masse-%	TP Asphalt-StB, Part 17
sliding resistance	USRV = 44	DIN EN 1338
resistance against change of frost and dew	loss of mass per areal unit L = 0,004 kg/m <sup>2</sup>	DIN EN 1338
drain coefficient	0,05 – 0,10 % (percentage of flow water; for comparison asphalt, concrete ca. 0,75 – 0,95)	
Solar Reflexions Index	Jade green 62 % Amber 61 % Sedona red 53 % Topaz 51 % Saphire blue 49 % Natural Blend 65 %	ASTM E1980
hydrocarbon bonding	15 kg per m <sup>3</sup> FilterPave®	University Wisconsin
temperature at installation	minimum 9°C	
temperature of environment	minimum 4 °C (72 hours)	
cure temperature (at least 15,5 °C temperature of environment)	72 hours (3 days)	
cure temperature (under 15,5 °C temperature of environment)	120 hours (5 days)	

current status 12-2010