

Compressive Test Results - GRASSPAVE2 and GRAVELPAVE2

A.G. Wassenaar

Geotechnical and Environmental Consultants

2180 South Ivanhoe Street, Suite 5
Denver, Colorado 80222-5710

303-759-8100 Fax 303-756-2920

www.agwassenaar.com

Inc.

ASTM D1621-10 COMPRESSIVE STRENGTH RESULTS

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Grasspave2 Sand-filled Ring Units

Source: 100% Recycled HDPE Resins

Form Tested: Four sand-filled Rings attached by grid and confined by taping (see photographs)

NET Area 5.60 X 5.60 X 10 = 31.36 sq. in.

<u>Sample No.</u>	<u>Total Load (lbs)</u>	<u>Gross Area Strength (psi)</u>	<u>Net Area Strength (psi)</u>	<u>Deflection (in.)</u>
1	500,000*	15,940	15,940	0.575
2	500,000*	15,940	15,940	0.581
3	500,000*	15,940	15,940	0.579
	Average	15,940	15,940	0.578

- Note:
1. *Maximum total load was not achieved, 500,000 pounds is the maximum load of this testing machine.
 2. Testing Machine: Forney Model No. F-502F-F96
Serial No. 03040
Capacity: 500,000 pounds
 3. Silica Sand: Oglebay/Norton washed silica sand, Colorado Springs, Colorado
 4. Sand was confined by taping ring edges.
 5. Area calculated is the total gross and net area including the area filled by sand.



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GRASSPAVE²
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GRAVELPAVE²
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TABLE I