

**SKAPS ClayArmor™**  
**WN5.3 S75**



**SKAPS INDUSTRIES**

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SKAPS ClayArmor™ WN5.3 S75 is a reinforced geosynthetic clay liner (GCL) which consists of a uniform layer of natural high quality sodium bentonite needle-punched with a carrier woven geotextile and a cap nonwoven geotextile. This product is typically utilized on moderate to high load and slope applications.

GCL Property	TEST METHOD	FREQUENCY	Value	QUALIFIER
<b>Geotextile Property</b>				
Carrier Woven, Mass/Unit Area	ASTM D 5261	200,000 ft <sup>2</sup>	3 oz/yd <sup>2</sup>	MARV <sup>(1)</sup>
Cap Nonwoven, Mass/Unit Area	ASTM D 5261	200,000 ft <sup>2</sup>	6 oz/yd <sup>2</sup>	MARV <sup>(1)</sup>
<b>Bentonite Property</b>				
Swell Index	ASTM D 5890	100,000 lb	24 ml	MIN
Fluid Loss	ASTM D 5891	100,000 lb	18 ml	MAX
<b>Finished GCL Property</b>				
Bentonite Mass/Unit Area <sup>(2)</sup>	ASTM D 5993	40,000 ft <sup>2</sup>	0.75 lbs/ft <sup>2</sup>	MARV <sup>(1)</sup>
Tensile Strength <sup>(3)</sup>	ASTM D 6768	40,000 ft <sup>2</sup>	30 lb/in	MARV <sup>(1)</sup>
Peel Strength <sup>(3)</sup>	ASTM D 6496	40,000 ft <sup>2</sup>	5.3 lb/in	MARV <sup>(1)</sup>
Hydraulic Conductivity <sup>(4)</sup>	ASTM D 5887	1/Week	5 x 10 <sup>-9</sup> cm/sec	MAX
Index Flux <sup>(4)</sup>	ASTM D 5887	1/Week	1 x 10 <sup>-8</sup> m <sup>3</sup> /m <sup>2</sup> /sec	MAX
<b>ROLL DIMENSIONS<sup>(5)</sup></b>				
Roll Length, ft			150	NOM
Roll Width, ft			15.5	
Roll Area, ft <sup>2</sup>			2,325	

**Notes:**

- (1) Minimum average value
- (2) 0% moisture content
- (3) Tested in Machine Direction
- (4) Deaired, deionized water a a 5 psi maximum effective confining stress and 2 psi head pressure
- (5) Roll dimensions have a tolerance of 1%

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