

**Danielskuil Steenwerke**  
**Grading Analysis of Aggregates**  
**SABS Method 829**

Date: **16/07/2021** PLANT/SITE: **DANIELSKUIL**  
 Sampel Description: **SHOTCRTETE**

**(Mechanically Produced Sand)**

	1	2	3	4	5			
Sieve Size mm	Mass Retained	% Retained	Cum. % Retained	% Passing	% Passing specification			
4750	28.3	4.89	4.89	95.11	90	100		
2360	164	28.36	33.25	66.75	60	100		
1180	119.3	20.63	53.88	46.12	40	80		
0.6	71	12.28	66.16	33.84	30	60		
0.3	50.8	8.78	74.94	25.06	20	40		
0.15	38.5	6.66	81.60	18.40	10	25		
0.075	36	6.23	87.83	12.17	8	15		
PAN A	2.4							
Pan (A + B)	70.4	12.17						
<b>Total</b>	<b>578.3</b>	<b>100</b>						
FM	3.15							
Wet Mass	600							
Mass Of Dry Sand (A)	567.90							
Mass of washed dry sand (B)	499.9	ACCEPTANCE LIMITS						
Dust washed out (add to pan) (A - B)	68.00							
RD	2.72							

