

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

Date: **13/07/2021** PLANT/SITE: **DANIELSKUIL**  
 Sampel Description: **SHOTCRTE**

**(Mechanically Produced Sand)**

	1	2	3	4	5		
Sieve Size mm	Mass Retained	% Retained	Cum. % Retained	% Passing	% Passing specification		
4750	24.3	4.19	4.19	95.81	90	100	
2360	150	25.87	30.06	69.94	60	100	
1180	130.9	22.58	52.64	47.36	40	80	
0.6	88.4	15.25	67.89	32.11	30	60	
0.3	48.7	8.40	76.28	23.72	20	40	
0.15	32.9	5.67	81.96	18.04	10	25	
0.075	27.6	4.76	86.72	13.28	8	15	
PAN A	2.2						
Pan (A + B)	77	13.28					
<b>Total</b>	<b>579.8</b>	<b>100</b>					
FM	3.13						
Wet Mass	600						
Mass Of Dry Sand (A)	574.90						
Mass of washed dry sand (B)	500.1	ACCEPTANCE LIMITS					
Dust washed out (add to pan) (A - B)	74.80						
RD	2.72						

