

Danielskuil Steenwerke BK
Grading Analysis of Aggregates
SABS Method 829

Date: 7/11/2019 PLANT/SITE: DANIELSKUIL
 Sampel Description: SHOTCRETE

(Mechanically Produced Sand)

1	2	3	4	5	Passing specification	
Sieve Size mm	Mass Retained	% Retained	Cum. % Retained	% Passing		
4750	35	6.05	6.05	93.95	90	100
2360	150.7	26.05	32.11	67.89	60	100
1180	142.9	24.71	56.81	43.19	40	80
0.6	67.4	11.65	68.46	31.54	30	60
0.3	30.5	5.27	73.74	26.26	20	40
0.15	29.3	5.07	78.80	21.20	10	25
0.075	19.9	3.44	82.24	17.76	8	15
PAN A	3.3					
Pan (A + B)	102.7	17.76				
Total	578.4	100				
FM	3.16					
Wet Mass	590					
Mass Of Dry Sand (A)	577.00					
Mass of washed dry sand (B)	477.6	ACCEPTANCE LIMITS				
Dust washed out (add to pan) (A - B)	99.40					
RD	2.72					

SIEVE ANALYSIS

