

## DATA SHEET / 19mm GREY STONE

| Aggregate Analysis SANS 3001 : AG1, AG2, AG3, AG4, AG5*, AG10, AG15, AG21*, AG22, AG23*, & TMH1 A20*, A21T* |                        |                              |  |  |  |  |  |
|-------------------------------------------------------------------------------------------------------------|------------------------|------------------------------|--|--|--|--|--|
| SIEVE ANALYSIS SANS AG1                                                                                     |                        |                              |  |  |  |  |  |
| Sample Position                                                                                             | 19mm                   |                              |  |  |  |  |  |
| Sample Number                                                                                               | SG-0734                |                              |  |  |  |  |  |
| Material description                                                                                        | Grey Crushed Graywacke | Spec<br>SABS 1083<br>Table 2 |  |  |  |  |  |
| Sieve Size (SANS AG1)                                                                                       |                        | Grade 2                      |  |  |  |  |  |
| 100.0                                                                                                       | 100                    |                              |  |  |  |  |  |
| 75.0                                                                                                        | 100                    |                              |  |  |  |  |  |
| 63.0                                                                                                        | 100                    |                              |  |  |  |  |  |
| 50.0                                                                                                        | 100                    |                              |  |  |  |  |  |
| 37.5                                                                                                        | 100                    |                              |  |  |  |  |  |
| 28.0                                                                                                        | 100                    | 100 - 100                    |  |  |  |  |  |
| 20.0                                                                                                        | 93                     | 85 - 100                     |  |  |  |  |  |
| 14.0                                                                                                        | 35                     | 0 - 50                       |  |  |  |  |  |
| 10.0                                                                                                        | 7                      | 0 - 25                       |  |  |  |  |  |
| 7.1                                                                                                         | 2                      | 0 - 5                        |  |  |  |  |  |
| 5.0                                                                                                         | 2                      | 0 - 25                       |  |  |  |  |  |
| 2.0                                                                                                         | 2                      | 0 - 5                        |  |  |  |  |  |
| 1.0                                                                                                         | 1.7                    |                              |  |  |  |  |  |
| 0.600                                                                                                       | 1.7                    |                              |  |  |  |  |  |
| 0.425                                                                                                       | 1.7                    |                              |  |  |  |  |  |
| 0.300                                                                                                       | 1.7                    |                              |  |  |  |  |  |
| 0.150                                                                                                       | 1.6                    | -                            |  |  |  |  |  |
| 0.075                                                                                                       | 1.4                    | 0 - 2                        |  |  |  |  |  |
| Fineness Modulus                                                                                            |                        |                              |  |  |  |  |  |
| MATERIAL PROPERTIES                                                                                         |                        |                              |  |  |  |  |  |
| ACV (dry) (SANS AG10)                                                                                       |                        |                              |  |  |  |  |  |
| ACV (wet) (SANS AG10)                                                                                       |                        |                              |  |  |  |  |  |
| ACV (gly) (SANS AG15)                                                                                       |                        |                              |  |  |  |  |  |
| 10% Fact (dry) (SANS AG10)                                                                                  |                        |                              |  |  |  |  |  |
| 10% Fact (wet) (SANS AG10)                                                                                  |                        |                              |  |  |  |  |  |
| 10% Fact (gly) (SANS AG15)                                                                                  |                        |                              |  |  |  |  |  |
| ALD measured (SANS AG2)                                                                                     |                        |                              |  |  |  |  |  |
| LA Abrasion %                                                                                               |                        |                              |  |  |  |  |  |
| Flakiness (SANS AG4) %                                                                                      | 35                     | 35 max                       |  |  |  |  |  |
| AD (SANS AG20, AG21) kg/m <sup>3</sup>                                                                      |                        |                              |  |  |  |  |  |
| BD (SANS AG20, AG21) kg/m <sup>3</sup>                                                                      |                        |                              |  |  |  |  |  |
| Water Absorption (AG20,21) %                                                                                |                        |                              |  |  |  |  |  |
| PH (TMH1 A20)                                                                                               |                        |                              |  |  |  |  |  |
| Conductivity (TMH1 A21T)                                                                                    |                        |                              |  |  |  |  |  |
| Thermal Resistivity (ASTM D5334) K.m/W                                                                      |                        |                              |  |  |  |  |  |
| Thermal Conductivity (ASTM D5334) W/m.K                                                                     |                        |                              |  |  |  |  |  |
| Sand Equivelant (SANS AG5)                                                                                  |                        |                              |  |  |  |  |  |
| Organic Impurities (TMH 1 B6)                                                                               |                        |                              |  |  |  |  |  |



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