



GOLD HILL RESEARCH LABORATORY
 ABRASION RESISTANCE
 STALITE STRUCTURAL AGGREGATE
 USING LOS ANGELES ABRASION METHOD

From January 2017 to December 2017 Los Angeles abrasion test were performed on the Stalite structural lightweight aggregate. 30 total samples were tested and the results are shown below.

PROCEDURE:

The tests were performed in accordance with ASTM C131 (Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine) the grading was class B for the tests.

Sample Number	Los Angeles Abrasion	Sample Number	Los Angeles Abrasion
1	24	16	26
2	24	17	23
3	27	18	22
4	27	19	24
5	24	20	22
6	24	21	25
7	27	22	24
8	25	23	23
9	26	24	26
10	25	25	24
11	26	26	24
12	26	27	25
13	23	28	28
14	26	29	27
15	28	30	26

Average Los Angeles Abrasion number for the samples: 29.2
 Standard deviation of the sample results: 1.65