



**Properties and Gradations
MASONRY APPLICATIONS**

	Tank A	Tank B	Tank C	Tank D	Tank E	Florida Blend	Tank G	MS16
Typical Density (Unit weight)	lbs/cf	lbs/cf	lbs/cf	lbs/cf	lbs/cf	Lbs/cf	lbs/cf	lbs/cf
Damp Loose (ASTM C29)	53-57	53-57	53-57	53-57	53-57	53-57	53-57	53-57
kg/m3	850-910	850-910	850-910	850-910	850-910	850-910	850-910	850-910
Sieve Size	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained	% Retained
#4 (4.75mm)	11-14	11-17	5-11	3-9	4-10	1-6	20-27	0-3
#8 (2.36mm)	32-52	32-52	30-48	25-41	26-40	17-33	47-65	3-11
#16 (1.18mm)	54-70	56-72	52-68	45-61	43-61	45-61	64-78	34-54
#30 (600µm)	70-82	70-82	67-80	62-77	59-72	62-77	75-85	59-72
#50 (300µm)	75-86	78-88	77-87	73-85	70-85	73-85	82-90	75-83
#100 (150µm)	83-90	85-92	84-91	81-91	78-88	81-91	87-95	84-92
Fineness Modulus								
F.M.	3.25-3.94	3.32-4.03	3.15-3.85	2.89-3.64	2.80-3.56	2.79-3.53	3.75-4.40	2.52-3.15