



GRAYMONT DOLIME (OH) INC.

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BONDCRETE®

MASON'S PRE-BLEND®

MORTASEAL®

GRAND PRIZE®

IVORY®

NIAGARA®

SNOWDRIFT®

KEMIDOL®

SUPER LIMOID®

LIMOID®

HI-MAG®

MASON'S LIME PRODUCTS TYPICAL CHARACTERISTICS

I. BRAND NAMES	Mortaseal® Super Limoid® S	Bondcrete® Super Limoid® SA
II. HYDRATED LIME TYPE (ASTM C-207)	S	SA
III. CHEMICAL ABSTRACT SERVICE NUMBER	39445-23-3	39445-23-3
IV. CHEMICAL CHARACTERISTICS		
a. Calcium Oxide (%)	43.09	43.09
b. Magnesium Oxide(%)	28.23	28.23
c. Acid Insolubles (%)	0.71	0.74
d. Iron & Alumina Oxide (%)	0.59	0.59
e. Loss on Ignition (%)	26.6	26.6
f. Carbon Dioxide (%)	2.9	2.9
g. Hydrated Oxides (%)	94.59	94.59
V. PHYSICAL CHARACTERISTICS		
a. Particle Size Distribution		
1. Plus 30 Mesh (Cum % On)	0	0
2. Plus 200 Mesh (Cum % On)	4	2
3. Plus 325 Mesh (Cum % On)	9.75	6.25
b. Blaine Surface Area (cm ² /gm)	30,400	31,800
c. Vicat Consistency (ml/gm)	101	31,800
d. Plasticity (Emley Units)	310	360
e. Product Soundness		
1. Pops (#/Plate)	0	0
2. Pits (#/Plate)	0	0
VI. MORTAR CHARACTERISTICS		
a. ASTM Type S Mortar (1:1/2:4 1/2)		
1. Compressive Strength - 28 Days (psi)	4,984	4,973
2. Water Retention (%)	87	87
b. ASTM Type N Mortar (1:1.6)		
1. Compressive Strength - 28 Days (psi)	2,532	2,550
2. Water Retention (%)	89	89
c. ASTM Type O Mortar (1 :2:9)		
1. Compressive Strength - 28 Days (psi)	904	774
2. Water Retention (%)	90	90

* Based on materials having an initial flow of 110 ± 5%