

SIZE & GRADING REQUIREMENTS FOR COARSE, NATURAL, AND FINE AGGREGATES (BASED ON LABORATORY SIEVE TESTS - SQUARE OPENINGS)

TOTAL PERCENT PASSING

SCREEN SIZE ODOT/ PENNDOT	100 mm 4"	90 mm 3 1/2"	75 mm 3"	63 mm 2 1/2"	50 mm 2"	37.5 mm 1 1/2"	25 mm 1"	19 mm 3/4"	12.5 mm 1/2"	9.5 mm 3/8"	4.75 mm No. 4	2.36 mm No. 8	1.18 mm No. 16	850 µm No. 20	No. 30	425 µm No. 40	No. 50	150 µm No. 100	No. 200	
COARSE	1	100	90-100		25-60		0-15	0-5												
	2			100	90-100	35-70	0-15	0-5												
	3 (PA)				100	90-100	35-70	0-15	0-5											
	4 (OH)					100	90-100	20-55	0-15	0-5										
	57						100	95-100		25-60	0-10	0-5								
	67							100	90-100		20-55	0-10	0-5							
	8									100	85-100	10 - 30	0-10	0-5						
9										100	85-100	10 - 40	0-10				0-5			
DENSE- GRADED	304 (OH)					100	70-100	50-90			30-60				9-33					0-15
	411 (OH)						100	75-100	60-100		35-75	30-60			7-30					3-15
	2A (PA)					100		52-100		36-70	24-50	16-38*	10-30							0-10
SAND	10 (OH)									100	85-100								10 - 30	
	Type A Sand (PA)									100	95-100	70-100	45-85		25-65		10-30	0-10		
	B1 Sand (PA)									100	95-100	70-100	40-80		20-65		7-40	2-20	0-10	
	B3 Sand (PA)									100	80-100	65-100	40-80		20-65		7-40	2-20	0-10	
	Mason Sand Type C Sand (PA)										100	95-100							0-25	0-10
WASHED NATURAL	57 Gravel					100	95-100		25-60		0-10	0-5								
	8 Gravel								100	85-100	10 - 30	0-10	0-5	100	85-100	10 - 30	0-10			0-5

The information contained in this gradation chart is, to the best of our knowledge, true and accurate. As application-specific factors may impact performance, users are advised to evaluate the product independently to determine suitability for the intended application and use conditions. Product availability and specifications are subject to change without notice.

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