

# Sieve Analysis: Fine, granular and course Aggregate

(MTM 109) Total Percent (%) Passing

Mark Martin & Sons, Inc.

<b>Material &amp; Application</b>	<b>6"</b> 150 mm	<b>3"</b> 75 mm	<b>2"</b> 50 mm	<b>1.5"</b> 37.5 mm	<b>1"</b> 25 mm	<b>1/2"</b> 12.5 mm	<b>3/8"</b> 9.36 mm	<b>No. 4</b> .425 mm	<b>No. 8</b> 2.36 mm	<b>No. 16</b> 1.18 mm	<b>No. 40</b> .425 jmm	<b>No. 30</b> .60 jmm	<b>No. 50</b> .30 jmm	<b>No. 100</b> .15 jmm	<b>No. 200</b> .075 jmm	<b>L.B.W.</b> % <b>Passing</b> <b>No. 200</b>	
<b>Class II Sand</b> Pipe bedding, trench backfill, landfill		100			60-100										0-30		0-7
<b>Class III Sand</b> Pipe bedding, trench backfill, and landfill	100	95-100															0-15
<b>Fill Sand</b> All purpose general fill		100			60-100										0-30		0-7
<b>Mason Sand</b> Block & Brick, mortars & grouts, pool liner base, golf courses								100	95-100				15-40	0-10			(+/-) .20
<b>2NS-C33 Sand</b> Concrete, mortars, grouts, shotcrete, gunite, concrete blocks							100	95-100	65-95	35-75		20-55	10-30	0-10			(+/-) .20 F.M. 2.50-2.90
<b>Ice Control Sand</b> Snowy, icy roads, icy surfaces							100	95-100	65-95	35-75		20-55	10-30	0-10			(+/-) .20
<b>Beach Sand</b> Ponds, beaches, sand boxes, playgrounds, volleyball courts										95-100		85-100	65-85	10-30	0-10		(+/-) .20
<b>Birdseye</b> Filter, drains, beaches								85-100	35-65	0-20		0-5					
<b>Pea Rock 34R</b> Drainage, walkways, kennels, filter						100	90-100		0-5								3.0 max
<b>6A Stone</b> Septic fields, landscaping, drainage,				100	95-100	30-60		0-8									1.0 max
<b>23A Limestone</b> Driveways, shoulders, approaches, paver base					100		60-85		25-60								9-16
<b>21AA Natural</b> Driveways, shoulders, approaches, culverts, base				100	85-100		50-75			20-45							4-8
<b>21AA Crushed Concrete</b> Driveways, shoulders, approaches, culverts				100	85-100		50-75			20-45							4-8