



The Performance Company

2016 - Aggregate Gradation Averages

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All averages are 2016 production and are based off of "% PASSING" - material specifications are in bold and highlighted.

Product #	Washed Products	3"	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8	#10	#16	#30	#40	#50	#80	#100	#200	Hydro	S.F.	D.F.	F.M.
132040	2" Minus Filter Rock (Sewer Filter Rock)		100	95-100		0-20			0-5													
	2" Minus Filter Rock		100	100	100	18	0.2	0.2	0.1									0.1				
132050	3/4" Coarse Concrete Aggregate #67				100	90-100		20-50	0-10	0-5												
	3/4" Coarse Concrete				100	93.0	49.0	24.0	3.0	1.0								0.1				
132030	3/8" Intermediate Concrete Agg. (Grout Pea)						100	85-100	10-30	0-10			0-5									
	3/8" Intermediate Concrete Agg. (Grout Pea)						100	93.0	13	2.0		1.2						0.4				
132010	Fine Concrete Aggregate (Concrete Sand)						100	95-100	80-100			50-85	25-60		10-30		2-10	0-3				2.72
	Concrete Sand						100	99.8	95.0		75.0	47.0		17.0		5.1	1.7					2.61
132020	Mason Sand						100	95-100	70-100	40-75				10-35		2-15	0-5					
	Mason Sand						100	97	81	54		21		6.0	1.72							2.40
132070	Builders Sand (Bedding Sand or Pit Run Sand)						100	80-100	70-100	60-95			20-65		2-15	0-3						
	Based on Availability (Note: Gradation Varies)						100	82.0			72.0	63.0		23.0		4.1	2.2					
Quote	Seal Master Sand (Special Order)										100	75-100	55-95	30-78		0-20	0-2					
	Seal Master Sand										100	96	82	54		13.6	0.90					1.36
Quote	Eielson Airfield Sand (Special Order)										100					0-2						
	Eielson Airfield Sand																					
132130	FAA - Airfield Sand (Ted Stevens Airport) (Special Order)							100				20-50				0-2						
	Airfield Sand - Ted Stevens							100				41.0			1.4							2.69
138020	EAFB Dry Sand (Special Order)									100		60-75	25-40				0-8	0-2				
	EAFB Dry Sand						Note: The #30 is actually a #20 Sieve.			100	100	73.0	30.0				1.4	0.48				2.44
Quote	Block Pea (Special Order)							100	85-100	0-35		0-10	0-5									
	Block Pea							100.0	86.0	12		2	0.7									0.2
132170	Concrete Aggregate Blend ((Ratio 3:2): 3 parts 3/4" to 2 parts concrete sand)						99	80	66	45	38	28	18		8		2.0	0.4				
	Concrete Aggregate Blend						Note: Loader Blended - gradations will vary.															
132230	E - CHIPS - Approximately 1/2" to No. 8 (Muni & State)						100	90-100	10-30	0-8												0-1
	E - CHIPS (Muni & State)						100	99	17	2.0								0.99		100	99	
132240	F - CHIPS - Approximately 3/8" to No. 8 (ADOT State)						100	75-100	0-10													0-1
	F - CHIPS (State)						100	94	6.4									0.92		100	99	
Quote	F - CHIPS - Approximately 3/8" to No. 8 (Muni) (Special Order)							100	85-100	0-25												0-1
	F - CHIPS (Muni)							100	97	7								0.9		100	99	
13206B	Class E Bedding Material					100	80-100	20-75	12-60			2-30										0-6
	Class E Bedding Material					100	95	55	46			22										0.61
132110	# 4 Minus Bedding Aggregate (Winter Aggregate)						100	70-100	0-35		0-10	0-5										0-1
	WINTER AGGREGATE GRADATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE!						91		11		2	1.6										0.4
																						2.92

Product #	Non-Washed Products	3"	2"	1 1/2"	1"	3/4"	1/2"	3/8"	#4	#8	#10	#16	#30	#40	#50	#80	#100	#200	Hydro	S.F.	D.F.	F.M.
132960	# 4 Minus Asphalt Aggregate (Fine Asphalt)						100	85-95	61-71		40-50	27-37		18-26		12-18	9-12					3.35
	# 4 Minus - Fine Asphalt						100	93.0	66.0		44.0	30.0		20.0		13.0	9.0					
132970	3/8" Minus Asphalt Aggregate (Intermediate Asphalt)					100	65-79	2-12	0-3													
	3/8" Minus - Intermediate Asphalt					100	77.0	6.4	1.4									0.7		16 (<20)	100	98
132980	3/4" Minus Asphalt Aggregate (Coarse Asphalt)					100	27-45	0-8	0-2	0-2												
	3/4" Minus - Coarse Asphalt					100	37.0	5.0	1.0	0.9								0.5		18 (<20)	100	99
132220	C - CHIPS - Approximately 1/2" to No. 8					100	90-100	40-75	0-15	0-5												
	C - Chips					100	100.0	72	7	3								0.7		100	95	
132060	Crushed Aggregate D-1 Base (Base Course)	100	70-100			50-80	35-65	20-50					8-30					0-6		Max 3.0%	70	
	D-1 Leveling Course (STATE)	100	98	81	68	43	29	21			13	11		6.0	4.6			2.2		90	86	
132060	Crushed Aggregate D-1 Base (MUNI Specification)	100	70-100			50-80	35-65	20-50					10-30					3-6		Max 3.0%		
	D-1 Leveling Course (MUNI)	100	98	81	68	43	29	21			13	11		6.0	4.6			2.2		90	86	
13206B	Class B Bedding Material	100				60-100	40-85		25-70				5-40					0-6				
	Class B Bedding Material	100	96	80	69	50		38				14					1.6		1.4			
138025	1" Minus "Recycled Asphalt" Pavement (R.A.P.)	100	70-100			50-85	35-65	25-50					10-30		5-20		2-10					
	1" Minus RAP - Asphalt	100	98	79	54	41		41				24		13.0		8.7		4.3				
13206E	Class E Bedding Material	100	80-100	20-75	12-60			2-30										0-6				
	Class E Bedding Material					100	98	53	47			23						0.65				
138023	1" Minus Recycled Crushed Concrete (C.C.)	100	70-100			50-80	35-65	20-50					8-30					0-6		Max 3%		
	1" Minus C.C. (recycled concrete base)				100	98	75	63	41	30		22	17		11		6	5.1		2.3		
132140	Pit Run - Type II (4" Minus)	70-100		55-100		45-85		20-60			12-50			4-30				2-8		Max 3.0%		
	Type II - Pit Run	98	91	85	75	68	55	49	37		28			12			3.9	2.76		1.6		
132210	Pit Run - Type II (2" Minus)	100				60-100		30-65					10-30					2-6		Max 3.0%		
	Type II - Pit Run (2" minus)		100	89	84	78	65	60	46		36			17			7.4	4.40		2.0	71.0	62
Quote	Type IIA	100				50-100		25-60			15-30		4-30					2-6		Max 3.0%		
	Type IIA - Pit Run	97	87	78	68	61	50	44	34		25			11			4.4	3.3		1.8		
Quote	Type VI (Special Order)	100	65-95			50-80	30-60	20-50			10-30			5-25				2-6		Max 3.0%		
	Type VI	100	93	74	62	47		30		23				11			5.0	3.10		1.7		

Product #	Specialty Products	Description
132100	Oversized Rock - 2" to 6"	
132280	Oversized Rock - 4" to 12"	
132160	Natural Round Rock - 12" to 24" (landscaping)	
132180	Rip Rap - Class I (Small Boulders)	A. 0-50% weighing up to 25 pounds. B. 0-10% weighing more than 50 pounds.
132182	Rip Rap - Class II (Medium Size Boulders)	A. 50-100% weighing 200 lbs. or more.
132183	Rip Rap - Class III (Large Boulders)	A. 50-100% weighing 700 lbs. or more.
132184	Rip Rap - Class IV (Huge Boulders)	A. 50-100% weighing 2000 lbs. or more.
132005	Aggregate Blend ***	Note***: Item number used when blending or supplying a product outside of the core product lines.
132290	Sodium Chloride	Sold per ton
132990	UPM - Cold Asphalt Mix (Dense Graded)	Sold per ton (SPECIAL ORDER)
131000	Scale Weighing Charge (each)	

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