



The Performance Company

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2021- Aggregate Gradation Averages

Washed Products

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

Product I.D. #	Description	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			99	75	8	0.3	0.2	0.1									0.0					
132050	3/4" Coarse Concrete Aggregate #67				100	90-100		20-50	0-10	0-5													
	3/4" Coarse Concrete					100	92.0	55.0	33.0	6.0	2.0							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	98.0	14	1.0		0.4						0.2					
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	100.0	96.0	76.0	46.0	17.0		5.2	1.5						2.61	
132020	Mason Sand								100	95-100	70-100	40-75	10-35	2-15	0-5								
	Mason Sand								100	99	92	71	30	9.5	2.40							1.98	
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	94.0		76.0	61.0	28.0	6.0	1.9						2.34	
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				42.0			1.3							2.68
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	94.0	27.0			0.5	0.01					2.39	
Quote	Block Pea (Special Order)							100	85-100	0-35		0-10	0-5					0.0					
	Block Pea							100	100.0	91.0	22	5	0.9										
132170	Concrete Aggregate Blend ((Ratio 3:2): 3 parts 3/4" to 2 parts concrete sand)																						
	Concrete Aggregate Blend Note: Loader Blended - gradations will vary.					100	80	66	45	38	28	18	8		2.0	0.4							
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	94	11	0.9							0.20			100	99	
132240	F - CHIPS - Approximately 3/8" to No. 8 (ADOT State)							100	75-100	0-10												0-1	
	F - CHIPS (State)							100	76	6.3								0.40			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	82	4								0.8			100	99	
13206B	Class E Bedding Material					100	80-100	20-75	12-60				2-30									0-6	
	Class E Bedding Material						100	92	58	41			25					0.70					
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

Non-Washed Products

Product #	Description	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	85-85	61-71		40-50	27-37	18-26		12-18	9-12							
	# 4 Minus - Fine Asphalt							100	94.0	66.0		43.0	29.0	20.0		13.0	9.2							3.34
132970	3/8" Minus Asphalt Aggregate (Intermediate Asphalt)							100	71-87	2-12	0-3											Flat/Elong	90	
	3/8" Minus - Intermediate Asphalt							100	81.0	6.0	0.7							0.2		16 (<20)		100	99	
132980	3/4" Minus Asphalt Aggregate (Coarse Asphalt)							100	27-45	0-8	0-2	0-2										Flat/Elong	90	
	3/4" Minus - Coarse Asphalt							100	39.0	3.7	0.9	0.7						0.9		16 (<20)		100	99	
132220	C - CHIPS - Approximately 1/2" to No. 8							100	90-100	40-75	0-15	0-5										0-1		
	C - Chips							100	100.0	71	5	2						0.4				100	95	
132060	Crushed Aggregate D-1 Base (Base Course)				100	70-100		50-80	35-45	20-50					8-30			0-6		Max 3.0%		70		
	D-1 Leveling Course (STATE)						100	99	78	67	37	29	18	10.0	5.8	2.6	92	84						
132060	Crushed Aggregate D-1 Base (MUNI Specification)				100	70-100		50-80	35-45	20-50					10-30			3-8		Max 3.0%				
	D-1 Leveling Course (MUNI)				100	98	81	69	45	33	24	14	11	7.0	4.8	2.5	90	82						
13206B	Class B Bedding Material								100	60-100	40-45	25-70		5-40				0-6						
	Class B Bedding Material					100	99	85	74	56	39		15					3.7		2.2				
138025	1" Minus "Recycled Asphalt" Pavement (R.A.P.)							100	70-100	50-85	35-45	25-50		10-30		5-20	2-10			2.7 - 4.7%				
	1" Minus RAP - Asphalt				100	93		84	64	48			26	13.0				8.9		4.4				
13206E	Class E Bedding Material								100	80-100	20-75	12-60		2-30								0-6		
	Class E Bedding Material							100	97	54	44		24					0.70						
138023	1" Minus Recycled Crushed Concrete (C.C.)								100	70-100	50-80	35-45	20-50		8-30			0-6		Max 3%				
	1" Minus C.C. (recycled concrete base)					100	98	72	61	40	33	24	15	12	7	4.9	2.2							
132140	Pit Run - Type II (4" Minus)		70-100		55-100					20-60		12-50		4-30				2-8		Max 3.0%				
	Type II - Pit Run		99	89	82	66	58	52	36	26		9		4.2	2.1	1.4								
132210	Pit Run - Type II (2" Minus)			100			60-100			30-45		20-50		10-30				2-6		Max 3.0%				
	Type II - Pit Run (2" minus)		100	91	86	73	63	57	42	36		19		6.0	4.10	1.8								
Quote	Type IIA		100				50-100			25-60		15-30		4-30				2-6		Max 3.0%				
	Type IIA - Pit Run		97	93	86	77	70	59	53	43	27		13		3.9	2.3	1.7							
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	95	78	61	43	36	26		20				6.0	3.45	1.8				

Specialty Products

Product	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)
132182	Rip Rap - Class II (Medium Size Boulders)
132183	Rip Rap - Class III (Large Boulders)
132184	Rip Rap - Class IV (Huge Boulders)
132005	Aggregate Blend ***
132290	Sodium Chloride
132990	UPM - Cold Asphalt Mix (Dense Graded)
131000	Scale Weighing Charge (each)

Company Contacts

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