



August 1, 2011

Hanson Aggregates
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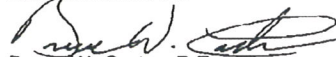
SECHLT CONCRETE SAND

The Sechelt Concrete Sand supplied by Hanson Aggregates meets the requirements of the referenced specifications. This aggregate is produced at the Sechelt, B.C. plant and is distributed at Hanson's Bay area facilities. Concrete aggregates from this plant have been used in concrete for more than twenty years with no known incidence of alkali reactivity or cement incompatibility. The typical physical properties of the aggregate are as follows.

Gradation:	<u>Percent Passing</u>		
	<u>Sechelt</u> <u>Conc. Sand</u>	<u>Caltrans Spec.</u> <u>Sec. 90</u>	<u>ASTM</u> <u>C 33 Spec.</u>
<u>Sieve Size</u>			
9.50 mm (3/8")	100	100	100
4.75 mm (#4)	100	95 - 100	95 - 100
2.36 mm (#8)	87	65 - 95	80 - 100
1.18 mm (#16)	68 (68)	58 - 78 (X ± 10)	50 - 85
600 µm (#30)	43 (43)	34 - 52 (X ± 9)	25 - 60
300 µm (#50)	17 (20)	14 - 26 (X ± 6)	5 - 30
150 µm (#100)	4	2 - 12	0 - 10
75 µm (#200), C 117	1.5	0 - 8	
	(X-value)		
Fineness Modulus	2.81	-	2.3 - 3.1
Specific Gravity, Bulk S.S.D.	2.65	-	-
Absorption, %	0.9	-	-
Dry Rodded Unit Wt., pcf	114.6	-	-
Sand Equivalent	92	75 Min.	-
Organic Impurities, C 40	Clear	S	Clear
Rel. Mortar Strength, C 87	130%	95% Min.	-
Sod. Sulfate Sound., C 88	3.9%	10% Max.	10% Max.
Fine Durability, d _f	86	60 Min.	-
Water Sol. Chlorides	n.d.	-	-
Deleterious Substances			
Clay & Friables, C 142	0.3%	-	3.0% Max.
Shale & Chert, C 295	0.2%	-	-
Lt. Wt. Particles, C 123	None	-	0.5% Max.
Alkali Reactivity			
ASTM C 295	Innocuous	I	I
ASTM C 1260	0.045%	0.15%	0.10%
ASTM C 1293	0.022%	0.04% Max.	0.04% Max.
Resistivity (Ohm-cm)	96,812		

Should you have questions regarding this aggregate material, please do not hesitate to call your Sales Representative.

LEHIGH HANSON


 Bruce W. Carter, P.E.
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