

Mineral and Textile and Inedible Plant and Animal Materials UNSPSC CODE : 11000000														
Earth and stone UNSPSC CODE : 11110000														
Commodity : Sand UNSPSC CODE : 11111700														
Selling Unit :														
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Validation	Unit	M	F	G	Demand aggregation
<b>Certification</b>														
1	Conforming to IS:2116(Latest)	CH	YES								√			
2	Whether ISI Marked	CH	YES	NO							√	√		
3	CM/L Number(Must declare if ISI Marked)	CH	YES								√			
<b>Grading of Sand</b>														
4	IS Sieve Designation	EN	4.75 mm	2.36 mm	1.18 mm	600 micron	300 micron	150 micron			√	√		
5	Percentage passing by Mass	N	100	90 to 100	70 to 100	40 to 100	5 to 70	0 to 15			√	√		
<b>Material</b>														
6	The sand shall not contain any harmful impurities such as iron pyrites, alkalis, salts, coal or other organic impurities, mica, shale or similar laminated materials, soft fragments, sea shells in such form or in such quantities as to affect adversely the hardening, strength or durability of the mortar	CH	YES								√			
<b>Quality</b>														
7	Sand shall be hard, durable, clean and free from adherent coating and shall not contain clay and impurities such as iron pyrites, alkalis, salts, coal, mica, shale, organic impurities or similar laminated or other materials exceeding the specified limits. The precipitation of mud on sand shall not exceed 4% by volume in case natural sand or crushed gravel and 10% by volume in case of Crushed Stone sand. If more than this precipitate is found the sand should be washed	CH	YES								√			

8	<b>Deleterious Material :</b> The sand shall not contain any harmful impurities such as iron pyrites, alkalis, salts, coal or other organic impurities, mica, shale or similar laminated materials, soft fragments, sea shells in such form or in such quantities as to affect adversely the hardening, strength or durability of the mortar	CH	YES								√			
9	<b>Limits of Deleterious Material:</b> Unless found satisfactory as a result of further tests as may be specified by the engineer-in-charge, or unless evidence of such performance is offered which is satisfactory to him, the maximum quantities of clay, fine silt, fine dust and organic impurities in the sand shall not exceed the following limits: Clay, fine silt and fine dust when determined in accordance with IS : 2386 ( Part II )-1963*: In natural sand or crushed gravel sand Not more than 5 percent by mass Clay, fine silt and fine dust when determined in accordance with IS : 2386( Part II )-1963*: In crushed stone sand Not more than 5 percent by mass Organic impurities when determined in accordance with IS : 2386 (Part II )-1963* Colour of the liquid shall be lighter than that indicated by the standard solution specified in IS : 2386 ( Part II )- 1963*	CH	YES								√			
<b>Fineness Modulus</b>														
10	Fine Sand	N	2.2-2.6								√			
11	Coarse Sand	N	2.9-3.2								√			
<b>Test Report Details</b>														
12	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No							√	√		
13	Test Report Number ( Must be declared, write NA if Test Report is not available)	CH									√			
14	Test Report date( Must be declared, write NA if Test Report is not available)	CH									√			
15	Name of the Lab( Must be declared, write NA if Test Report is not available)	CH									√			
16	Address of the Lab( Must be declared, write NA if Test Report is not available)	CH									√			
17	Test Report to be furnished to the Buyer on demand( Must be declared, write NA if Test Report is not available)	CH	Yes	NA							√	√		