

## REVIEW ANALYSIS OF INDIAN STANDARD

(To be submitted to the Sectional Committee)

1. **Sectional Committee No. & Title:**Building Construction Practices Sectional Committee CED 13

2. **IS No:** IS : 2115:1980

3. **Title :**code of practice for flat roof finish:Mud phuska(second Revision)

4. **Date of review:**

5. **Review Analysis**

i) **Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.**

<b>Standard (No.&amp; Title)</b>	<b>Whether the standard has since been revised</b>	<b>Major changes</b>	<b>Action proposed</b>
	yes	2.2 Mud Phuska	<b><u>Addition</u></b> It involves a water proofing solution from clay ,bhusa (straw)and sand. The finished layer is plastered using a mixture of cow dung and mud, proper curing shall be required to remain waterproof surfac.
		3.1 Necessary Information	<b><u>( existing (a) to (c))</u></b> <b><u>Addition</u></b> d)Thickness and number of layers of brick tiles.

			<p>e)Thickness of joint in between tiles.</p> <p>f)Thickness of Mud phuska.</p> <p>g)Diameter of rain water pipes.</p>
<p>Information from Web : Mud phuska terracing with tile paving.</p>		<p>6. Programming of work in relation to flat roof finish.</p>	<p><b><u>(existing paras 6.1 to 6.3)</u></b> <u>New Addition</u></p> <p>6.3.1)A layer of hot bitumen shall be spread over concrete slab @1.7kg/sq.m at roof surface.</p> <p>6.3.2) A layer of coarse sand shall be immediately spread over the hot bitumen.</p> <p>6.3.3)Mud phuska shall be prepared from puddle clay mixed with phusa @ 8kg per cu.m. of clay. About 100 mm. thick layer of mud puska shall be applied over the bitumen layer with proper slope(1:40).</p> <p>6.3.4)Mud phuska layer shall be consolidated properly and then it shall be plastered by cow dung mortar.</p> <p>6.3.5)The brick tiles shall be laid flat on plastered surface. The joints shall be grouted (1:3) by cement mortar.</p>






ii) **Status of standards referred in the IS**

<b>Referred standards (No. &amp; Title)</b>	<b>IS No. of this standards since revised</b>	<b>Changes that are of affecting the standard under review</b>	<b>Action proposed</b>

iii) **Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard)**

<b>Standard (No. &amp; Title)</b>	<b>Provisions that could be relevant while reviewing the IS</b>	<b>Action proposed</b>

iv) **Technical comments on the standard received, if any**

<b>Source</b>	<b>Clause of IS</b>	<b>Comment</b>	<b>Action proposed</b>

v) **Information available on technical developments that have taken place (on product/processes/practices/use or application/testing/input materials, etc)**

<b>Source</b>	<b>Development</b>	<b>Relevant clause of the IS under review that is likely to be impacted</b>	<b>Action proposed</b>

		(Clause & IS No.)	

**vi) Issues arising out of changes in any related IS or due to formulation of new Indian Standard**

Related IS and its Title (revised or new)	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed

**vii) Any consequential changes to be considered in other IS**

Related IS to get impacted	Related IS Title	Requirements to be impacted

**6. Any other observation:**

**7. Recommendations:**

To refer the following segment for the proposed for the proposed changes marked in red.