

## **Distribution of Houses by Predominant Materials of Roof and Wall and Level of Damage Risk**

**Table No. : JD 20**

## **State : JHARKHAND**

KHUNTI

<b>ROOF</b>									
<b>R1 - Light Weight Sloping Roof</b>	Rural	13,498	10.6						
	Urban	1,795	1.4						
	<b>Total</b>	<b>15,293</b>	<b>12.0</b>			VL			<i>H</i>
<b>R2 - Heavy Weight Sloping Roof</b>	Rural	92,079	72.3						
	Urban	5,228	4.1						
	<b>Total</b>	<b>97,307</b>	<b>76.4</b>			VL			<i>L</i>
<b>R3 - Flat Roof</b>	Rural	10,675	8.4						
	Urban	3,998	3.1						
	<b>Total</b>	<b>14,673</b>	<b>11.5</b>	<i>Damage Risk as per that for the Wall supporting it</i>					
<b>TOTAL HOUSES*</b>		<b>127,273</b>							

**Probable Maximum Precipitation at a Station of the district in one day for arial extent of 1000 sqm. 636 mm**

### **Housing Category : Wall Types**

**Category - A** : Buildings in field-stone, rural structures,  
unburnt brick houses, clay houses

**Category - B** : Ordinary brick building; buildings of the large block & prefabricated type, half-timbered structures, building in natural hewn stone.

**Category - C** : Reinforced building, well built wooden structures

**Category - X** : Other materials not covered in A.B.C. These are generally light.

**Notes:** 1. Flood prone area includes that protected area which may have more severe

damage under failure of protection works. In some other areas the local

damage under failure of protection works. In some other areas the local damage may be severe under heavy rains and check-dam drainage.

Damaging Risk for well types is indicated assuming a known flat roof.

2. Damage Risk for wall types is indicated assuming neutral eccentricity (A, B, and C) (B is for 1G, C is for 1.1G), and 1D is

*in categories A, B and C (Reinforced Concrete) building*

### Housing Category : Roof Type

**Category - R1** - Light Weight (Grass, Thatch,

Bamboo, Wood, Mud, Plastic, Polythene,

GI Metal Asbestos Sheets Other Material

**Category - R2 - Heavy Weight (Tiles, Stone/Slate)**

**Category - B3 - Flat Roof (Brick, Concrete)**

EQ Zone V : Very High Damage Risk Zone (MSK

#### **EQ Zone IV : High Damage Risk Zone (MSK VIII)**

#### EQ Zone III : Moderate Damage Risk Zone (MSK)

#### EQ Zone II : Low Damage Risk Zone (MS)

#### **Low Damage Risk Zone (MSK < VI)**

*Level of Risk:* VH = Very High, H = High,  
*M* = Moderate; L = Low; VL = Very Low.