

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

**Table No. : OR 11**

**State : ODISHA**

## JAGATSINGHAPUR

<b>ROOF</b>									
<b>R1 - Light Weight Sloping Roof</b>	Rural	160,772	48.1						
	Urban	22,148	6.6						
	<b>Total</b>	<b>182,920</b>	<b>54.7</b>		<i>L</i>		<i>VH</i>		<i>VH</i>
<b>R2 - Heavy Weight Sloping Roof</b>	Rural	6,011	1.8						
	Urban	853	0.3						
	<b>Total</b>	<b>6,864</b>	<b>2.1</b>		<i>L</i>		<i>H</i>		<i>H</i>
<b>R3 - Flat Roof</b>	Rural	130,532	39.1						
	Urban	13,660	4.1						
	<b>Total</b>	<b>144,192</b>	<b>43.2</b>	<i>Damage Risk as per that for the Wall supporting it</i>					
<b>TOTAL HOUSES*</b>		<b>333,976</b>							

**Probable Maximum Precipitation at a Station of the district in one day for arial extent of 1000 sqm. 801 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 may be severe under heavy rains and choked drainage.*

2. Damage Risk for wall types is indicated assuming heavy flat roof in categories A, B and C (Reinforced Concrete) building

### 3. Source of Housing Data : Census of Housing, GOI, 2011

### **Housing Category : Roof Type**

**Category - R1** - Light Weight (Grass, Thatch, Bamboo, Wood, Mud, Plastic, Polythene, GI Metal, Asbestos Sheets, Other Materials)

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

## **Category - R3 - Flat Roof (Brick, Concrete)**

#### EQ Zone V : Very High Damage Risk Zone (MS)

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

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

EQ Zone II : Low Damage Risk Zone (MSK < VI)

: VH = *Very High*; H = *High*;

*M = Moderate; L = Low; VL = Very Low*