

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

**Table No. : KL 09**

**State : KERALA**

IDUKKI

**Probable Maximum Precipitation at a Station of the district in 24 hrs is 520 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**

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

EO Zone V : Very High Damage Risk Zone (MSK)

EO Zone IV : High Damage Risk Zone (MSK VIII)

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

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

*Level of Risk : VH = Very High; H = High;*

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

\* Total No of Houses excluding Vacant / Locked Houses