

concrete columns, wherever used, are of improper cross section and do not have adequate reinforcement. In many instances, tin sheets used for roofing are not fixed to the purlins, but rather just held in place with stones, thereby making them susceptible to displacement in high winds, or leakage during heavy rains (Figures 11-14).

Since the criteria for house allocation was based on land ownership, landless farmers and craftsmen who ended up with very small or no houses have undertaken construction on their own, using combinations of materials, such as thatch, tin and stone. However the quality of these self-built houses is very poor, making them highly vulnerable to hazards such as earthquakes and rainfall.

Figure 11. Community members from affluent socioeconomic backgrounds are significantly less vulnerable, as they have made additions using the same materials and technology as used in the reconstructed houses.



Figure 12. Many additions made for outdoor kitchens are in poor brick masonry, covered by tin sheets that can easily blow away during heavy winds.

