

## **PERMITTED AND NOT PERMITTED WORKS FOR HOUSEHOLD SHELTERS (HS)**

### **1. GENERAL**

- (a) Your house has a civil defence shelter. It is designed to protect you during a war emergency. It has strengthened walls, floor, ceiling and a specially designed door. They must not be hacked or drilled. Certain finishes and fixtures are not permitted as they are not easily removable and may become hazards to shelter occupants during a war emergency. Lighting, power, telephone and CATV outlets are also provided in the shelter so that you can stay inside and communicate with the outside.
- (b) Any repair or alteration or renovation works, which are likely to weaken or damage any structural elements of the household shelter or non-shelter space within shelter tower, are not permitted.

### **2. PERMITTED WORKS TO HS**

- (a) Laying of floor tiles bonded to wet cement mortar. The total thickness of floor finishes and screed is not to exceed 50mm.
- (b) Laying of floor skirting tiles (up to a maximum of 100mm high) by bonding them with wet cement mortar to HS walls.
- (c) Laying of vinyl or linoleum flooring.
- (d) Applying splatter dash or equivalent to the external face of HS walls only to provide rough surface for feature wall panels or wall tiles installation.
- (e) Painting of walls, ceiling or door. In the case of HS door, owners shall not cover or paint over the HS door notice, locking bolts or door seal. The old paint coat on door and door frame is to be removed prior to repainting to avoid increase paint thickness resulting in difficulty in closing and opening of the door. The new paint coat must be dried up completely before closing the door as wet or damp paint will cause the door/ rubber gasket to stick onto the door frame when opening the door.
- (f) Painting on only the exterior face of the 6mm fragmentation stainless steel plate of the ventilation sleeves.
- (g) Drilling into internal face of HS walls and ceiling slabs to a depth of not more than 50mm to affix inserts and removable screws is allowed for. Fixtures such as pictures, posters, cabinets or shelves on internal face of HS walls will have to be removed by the owners within 48 hours upon notification. There is no restriction to the diameter of the non-metallic insert as long as it does not exceed 50mm in length. It is the owner's responsibility to ensure that the strength of the insert is adequately provided for the intended purpose.
- (h) Power driven nails are allowed only on external face of the HS walls to facilitate flexibility in mounting of features/ fixtures by owners. The length of power driven nail shall not be more than 75mm.
- (i) Fragmentation plates of the ventilation sleeves are allowed to be removed provided that the fragmentation plates and its bolts and nuts are mounted or kept together for use when needed. If the plate is to be mounted on the HS wall, it shall be done in accordance with S/No 2(g).

- (j) Closing or covering up of ventilation openings by removable aesthetic or architectural finishes is allowed, provided that at least 25% of the total area of the two openings shall be left uncovered for ventilation purposes during peacetime.
- (k) The minimum clearance from the fragmentation plate to structure or service shall be 50 mm. Where the structure or service is fronting the fragmentation plate of ventilation sleeve, the clear distance between them shall be at least 500 mm.
- (l) Where false ceilings are provided outside the HS and below the ventilation sleeves, there shall be perforated access panels of minimum size of 600 mm x 600 mm positioned directly below each ventilation sleeve.

### **3 NOT PERMITTED WORKS TO HS**

- (a) Laying of wall tiles or spray of rock tone finish, cement sand finish and gypsum plastering on the internal faces of HS walls.
- (b) Laying of floor tiles using adhesive materials.
- (c) Laying of 2<sup>nd</sup> layer of tiles on floor or skirting tiles.
- (d) Installation of cornices within the HS.
- (e) Installation works with fixings using power driven nails into the internal HS walls.
- (f) Tampering with, removing or covering up of the HS door notice. The HS door notice provides important information to the occupants on the use of the HS.
- (g) Indiscriminate hacking and drilling of HS walls, floor slabs, and ceiling slabs other than drilling permitted in S/No 2(g) and 2(h).
- (h) Hacking to both internal and external face of the household shelter walls to form key for tiling.
- (i) Hacking on external face of HS wall for mounting of feature wall panels or wall tiles installation.
- (j) Modifying, changing, removing or tampering of HS door and frame.
- (k) Modifying, altering or tampering with any part of the ventilation openings, plates and the mounting devices such as bolts and nuts.
- (l) Painting to the interior face of the 6mm fragmentation stainless steel plate of the ventilation sleeves, the ventilation sleeves, "O" ring rubber gaskets and the four or eight numbers of stainless steel bolts which hold the steel plate to the sleeves.