

width for the service staircase/emergency egress/fire exit i.e. the second staircase shall be from 1.2m to 1.80 m (2.4 or 3.6 m total staircase width). The fire exit ladder shall have a minimum clear width of 0.6 m. All stair treads shall provide all weather traction, particularly if the treads are wet and shall have a sloped finished for easy drainage. The stair nosing shall be of sturdy metal and round-edged to prevent injury. The staircase, corridor and ramp railings shall be of metal pipe construction and securely anchored to the staircase, corridor and ramp.

i. Glass Coat board

The classroom must be provided with a built-in Glass Coat board measuring 4 m wide or longer by 1.22 m tall with appropriate thickness, with appropriate mounting heights and materials and finish specifications.

j. Painting

Where applicable, metal, wood, and plastic components must be coated using UP colors such as maroon, green and beige. (subject to CPDMO approval).

The ceiling (suspended ceiling, suspended slab soffit and satir slab soffit) shall be also use UP color while the roof shall be colored maroon. The paints/ coloring materials must maintain their quality for at least five (5) years.

k. Ventilation

Natural ventilation shall be primarily supplied by the operable awning windows. However, whenever such windows are fully closed for good reason, the source of natural ventilation shall be fixed louvers above the operable louvers, particularly for classroom walls situated at 2 m or less from perimeter wall (or firewall of an adjoining property) that measures higher than 3 m above the natural or finished grade line (NGL/FGL). Design may be modified by the winning bidder but subject to CPDMO approval.

Artificial ventilation inside each classroom shall be supplied by 2 units of oscillating ceiling fans.

l. Seismic Load

For school buildings in Baler, Quezon Region, the structure shall be designed to withstand earthquakes for Seismic zone of the area as determined by Phivolcs.

m. Live Loads

The minimum occupancy or live loads shown in Table 1 shall be used in the design.

Table 1. Live Loads

Structure Part	Live Load
Classrooms	1.9 kpa