

ABSTRACT

EXTERIOR FACING PANELS FOR OUTER WALLS OF BUILDINGS

The present invention related to exterior facing panels for outer walls of buildings. Each of the panels comprises a top face, at least one side face connected to the top face and bent downwardly from the edge of the top face. Each panel further comprises at least one inward-bent end portion is connected to the side face and is bent inwardly towards the panel in substantially a right angle with respect to the side faces. The inward-bent end portions supporting and holds an adiabatic materials filled within the panel. The side face including engaging holes extending laterally across some parts of the side face in a manner that the adjacent engaging holes of the adjacent side face of the adjacent panels do not face oppositely with each other. Each panel further comprises clip having a claw for engaging with the engaging hole, a holding portion for engaging with the inward-bent end portion of the panel, and a connecting portion for connecting the clip with a frame which are used for structurally holding and supporting the exterior facing panels. An adiabatic plate is attached to bottom of the connecting portion for preventing heat or cold from transferring between the panel and the building frame.