

Description

Facades USA back pans are metal sheets that are attached and sealed to the curtain wall framing around the perimeter behind opaque areas of a curtain wall. In cold climates insulation should be installed between the back pan and the exterior cladding in order to maintain the dew point outboard of the back pan so that the back pan acts as an air and vapor barrier. Back pans provide a second line of defense against water infiltration for areas of the curtain wall that are not visible from the interior and are difficult to access. Water infiltration in opaque areas can continue for extended periods of time causing significant damage before being detected. Back pans also are to be preferred over foil vapor retarders in high performance and humidified buildings as convection currents short-circuiting the insulation can cause condensation, wetting and ultimately failure of these spandrel areas. Back Pans are secured to the curtain wall framing using appropriate fasteners and sealed to the framing by the installer. Back Pans are available mill finish or can be painted if exposed to the interior of the building.

Characteristics

Material: Galvanized Steel (G90)

Material Thickness: 20 or 22 Gauge Standard, Other Thicknesses Available

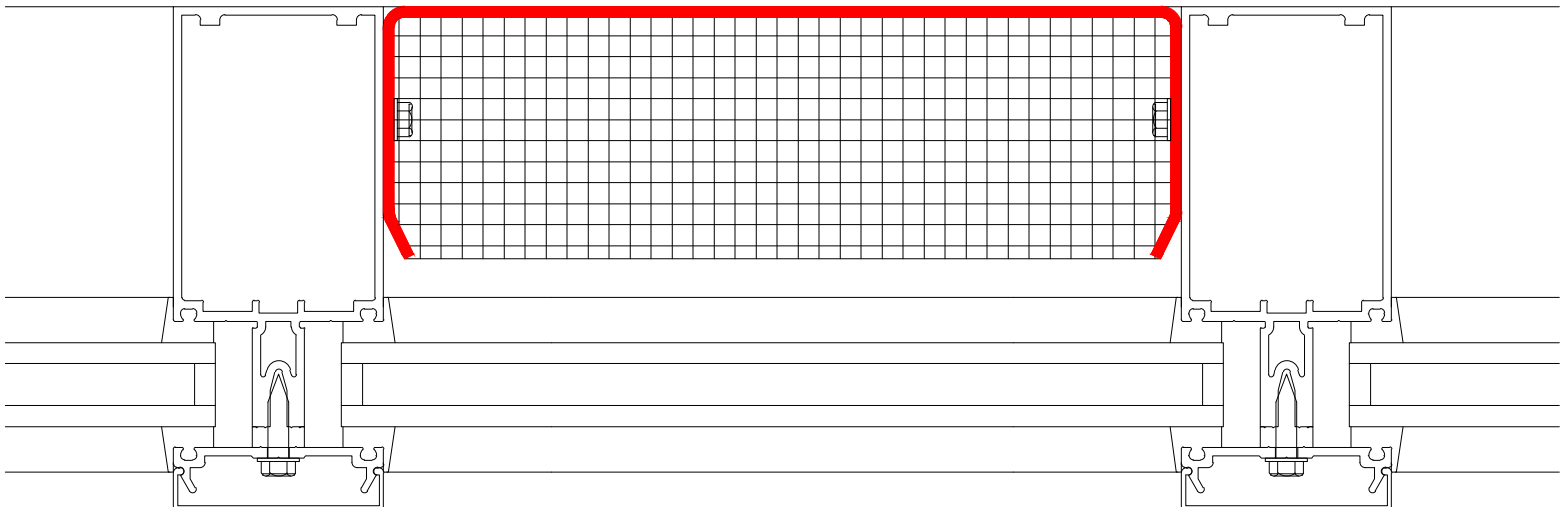
Pan Depth: Up To 6" Deep In Any Increment

Face Dimensions: Up to 5' x 10' In Any Increment

Oversize Face Dimensions: Up to 5' x 20' Available

Paint Finish: If Back Pans are exposed to the interior of the building the exposed side of the back may be painted

Note: Thermal performance and air/water proofing details are the responsibility of the project engineer. Facades USA does not control the selection of product configurations, materials, or hardware and assumes no responsibility therefore.

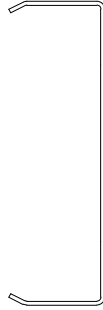


Profiles

Facades USA Back Pans are available in five standard profiles shown below. Other profiles and shapes are available to meet project specific requirements



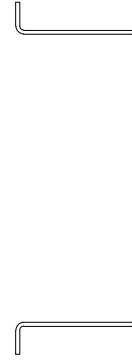
Pan



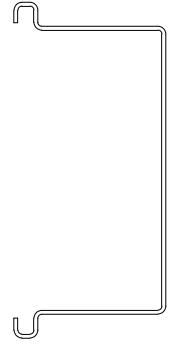
Bird Beak



Box



Top Hat



Glazing Adaptor

