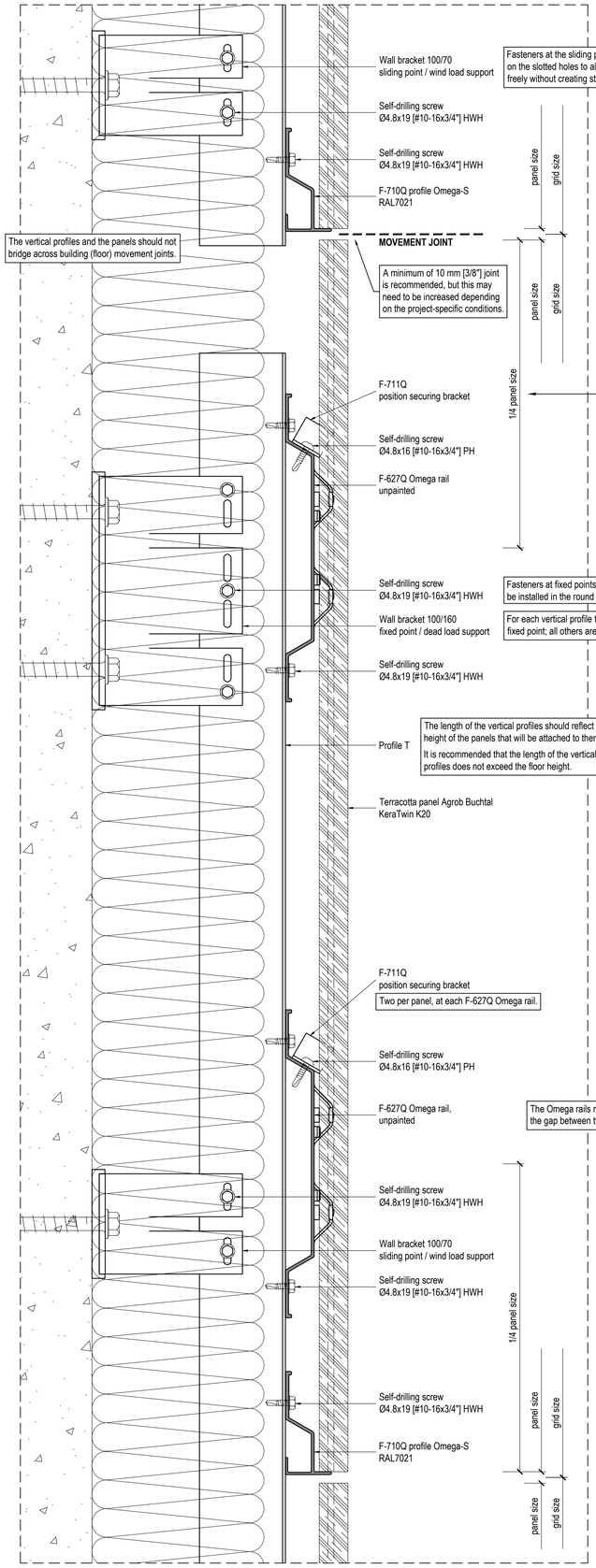
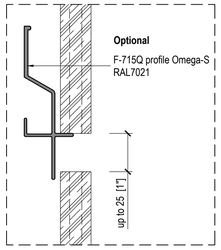
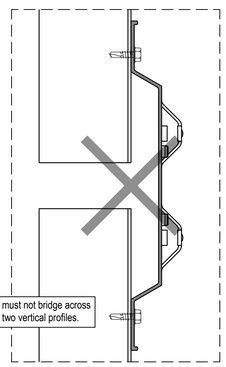
QV3.3
Agrob Buchtal KeraTwin® K20 terracotta panels vertical fixing

SECTION DETAIL







GENERAL NOTES

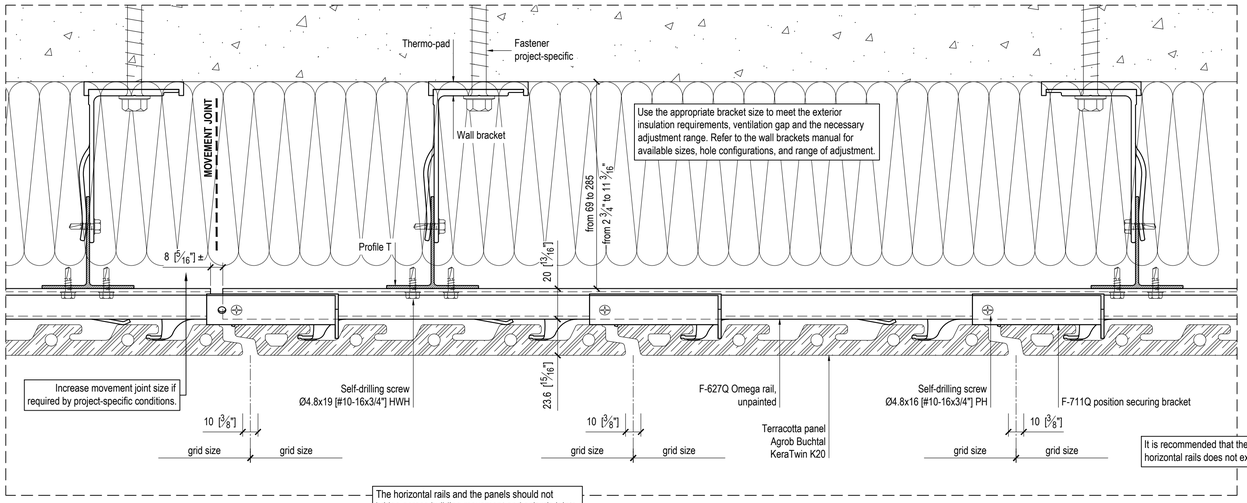
Movement joints in rails and panels must allow for thermal expansion of the cladding system's components and movement of the building structure.

The maximum length of the rails, as well as the number and spacing of attachment points should be specified by project-specific calculations.

All fasteners should be 300 series stainless steel or as recommended by the fasteners manufacturer for fasteners exposed to weather.

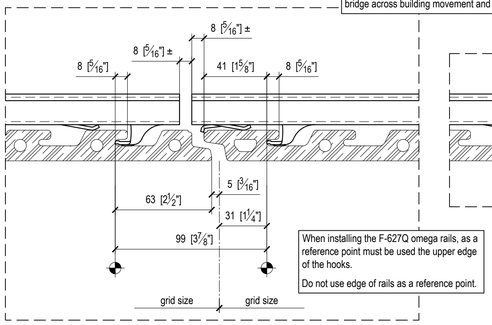
Minimum spacing and edge distances of fasteners must comply with codes of practice and manufacturer's requirements, and should be considered in the design.

PLAN DETAIL



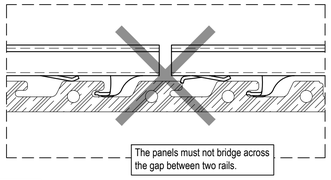
IF IN DOUBT - ASK

The horizontal rails and the panels should not bridge across building movement and seismic joints.



When installing the F-627Q omega rails, as a reference point must be used the upper edge of the hooks.

Do not use edge of rails as a reference point.

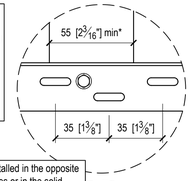


> If rails with slotted holes are used, they should be fixed at mid-length (fixed point) and allowed to expand toward the ends using slotted holes (sliding points).

> The slotted holes are suitable for self-drilling screw Ø4.8x19 mm [#10-16x3/4"].

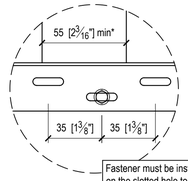
> The number of fasteners to be specified by project-specific calculations.

FIXED POINT (ONE PER RAIL)



Fasteners must be installed in the opposite ends of the slotted holes or in the solid area between the holes, considering fastener's minimum installation distances.

SLIDING POINT

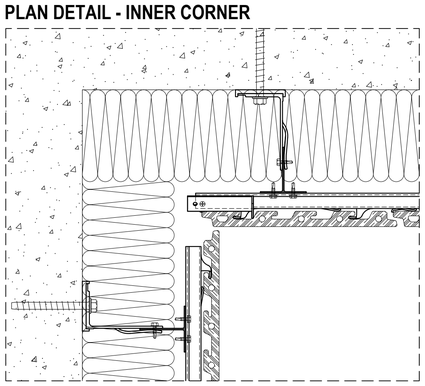


Fastener must be installed centered on the slotted hole to allow the rail to expand/contract freely.

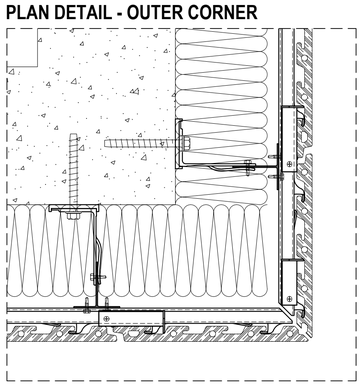
*The flange of verticals should be wide enough to accommodate the number of screws, the minimum edge distance, as well as installation tolerances.

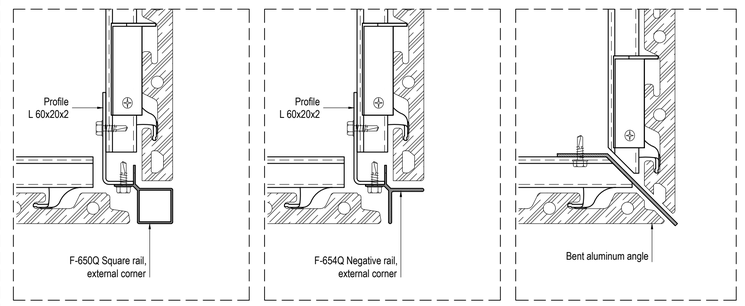
Slotted holes are spaced at 35 mm [1 3/8"] O.C.

PLAN DETAIL - INNER CORNER



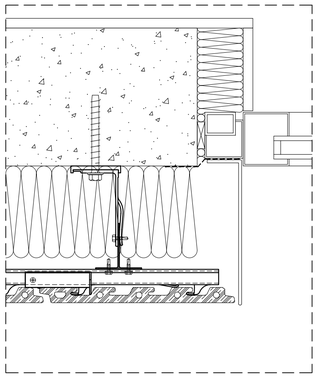
PLAN DETAIL - OUTER CORNER



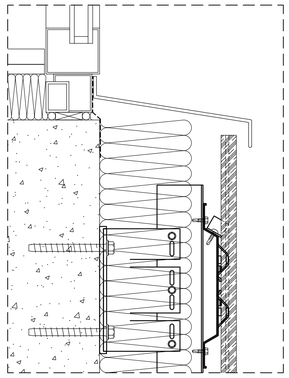


Provide the necessary movement gaps at wall openings - such as windows and doors, building corners and setbacks, etc.

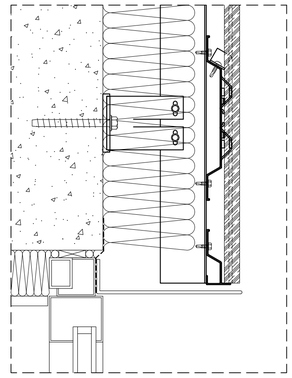
PLAN DETAIL - WINDOW JAMB



SECTION DETAIL - WINDOW SILL



SECTION DETAIL - WINDOW HEAD



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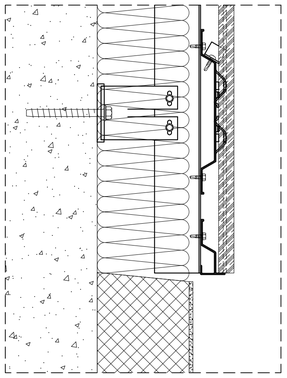
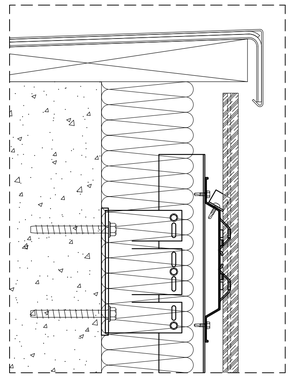


SECTION DETAIL - COPING



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