

# Rainscreen Application

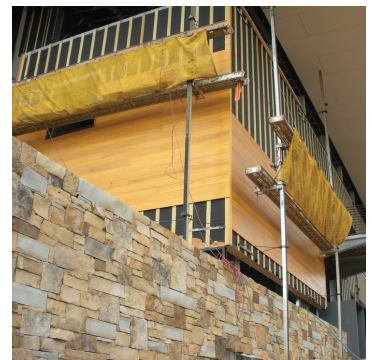
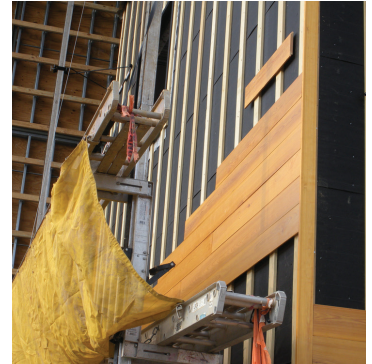
Rainscreen is an installation method that's gaining popularity for its ability to control and drain moisture that may build up behind siding, making it effective for both horizontal and vertical siding patterns. Much like other siding installation methods, rainscreens are applied over sheathing material, such as dimpled housewraps or plastic mesh. To provide additional air space, nominal 1x3-inch vertical or horizontal furring strips are commonly installed over the sheathing material (pictured to the right).

Typically, rainscreen applications fall into two categories: closed or open systems.

Closed-jointed systems are for siding patterns that overlap, such as bevel, or that use a lap joint, like shiplap. If the structure uses a housewrap or felt paper as a water-resistive barrier (WRB), then furring strips are installed over the WRB (lined up with wall studs) and the siding boards are nailed to the furring strips.

In open-jointed systems, plank siding gets nailed to the furring strips with an airspace between the planks. Because the gaps between the planks would allow sunlight and ultraviolet rays to reach the sheathing, building felt paper is first installed over the sheathing to protect it from premature degrading. Furring strips are nailed over the felt paper (lined up with wall studs) and the siding boards are nailed to the furring strips.

At the bottom of both systems, install plastic mesh or screen material to allow for water drainage and ventilation, as well as prevent critter infestation.



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