

3.2.2. Membrane-penetration

- a. This category addresses openings in fire rated assemblies where only one side of the fire rated barrier is penetrated and where the integrity of the wall or floor needs to be maintained. This would include items such as, but not be limited to, electrical outlet boxes and other electrical devices.
- b. Membrane penetrations shall be permitted to be created on both sides of the wall (or floor) as long as they are protected with a membrane penetration firestop system or wall opening protective.

3.2.3. Fire resistive joint systems

- a. This category addresses any gap, joint, or opening (whether static or dynamic) between two fire-rated barriers including where the top of a wall meets a floor, wall edge to wall edge configurations, floor edge to floor edge configurations, floor edge to wall configurations.
- b. The maximum movement that a fire resistive joint system is able to accommodate, as shown in the design listing, shall be equal to or greater than the movement that is expected or specified for a given joint in construction or design documents. All joints shall be assumed to be dynamic unless specified otherwise in construction documents.

3.2.4. Perimeter fire barrier system

- a. This category addresses any gap, joint, or opening, whether static or dynamic, between a fire-rated floor assembly and a non-rated exterior wall assembly.

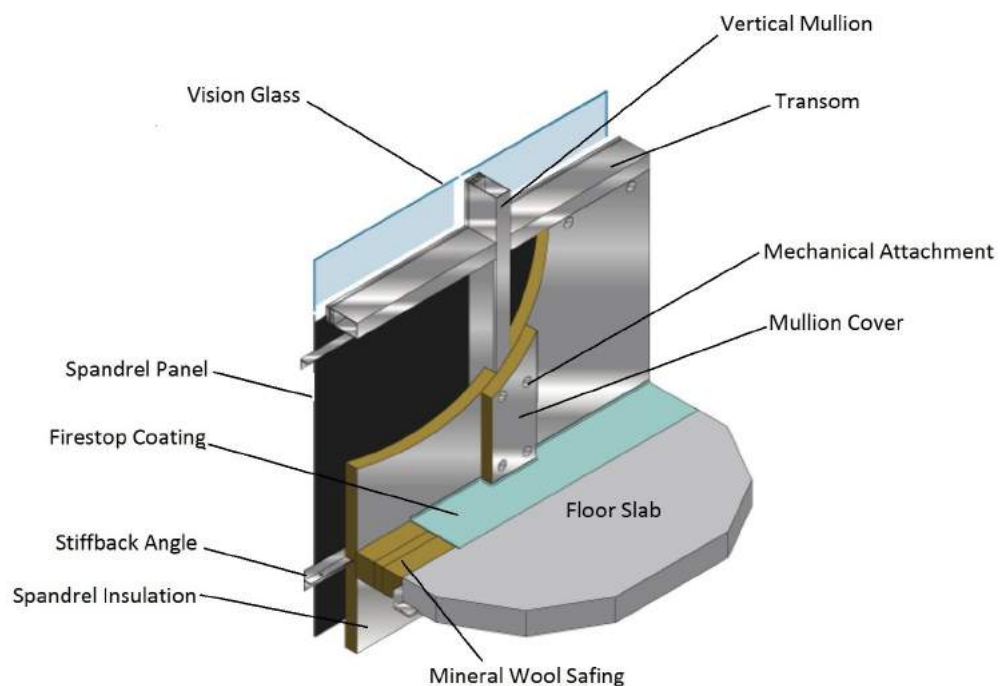


Figure 1.18.c.: Perimeter Fire Barrier System