



**AireTechnologies, Inc**  
a DMI company



# Building Code References

IBC Section	Assembly Type (Defining Section)	Typical Rating	Function	Protection Required	Aire Technologies Model Numbers
717.5.1	Fire walls (706)	3 hours	Wall separation that is continuous from the foundation to/through the ceiling or roof and will not collapse in a fire	Fire Damper	75, 65, 95, 05, 77, 99, 61
717.5.2	Fire Barriers (707)	2 hours	Exterior walls, horizontal exits, exit enclosures, exit passageways, shaft enclosures, incidental use areas, occupant separations	Fire Damper	75, 65, 95, 05, 77, 99, 61
717.5.1.1 717.5.2.1	Horizontal Exits (1025)	2 hours	Passage for occupant evacuation to a safe location within the building	Combination Fire & Smoke Damper	11, 12, 13, 31, 32, 33
717.5.3	Shaft Enclosures (713)	2 hours	Connects successive penetrations of horizontal assemblies	Combination Fire & Smoke Damper	11, 12, 13, 31, 32, 33
717.5.4	Fire Partitions (708)	1 hour	Walls separating tenant or occupant spaces, corridor walls, or elevator lobbies	Fire Damper	75, 65, 95, 05, 77, 99, 61
717.5.4.1	Corridors (1018)	1 hour	An enclosed passage that defines and provides a path of egress	FD, Combination FSD, CRD, or Corridor Damper	See ATI Catalog for Damper Model Numbers
717.5.5	Smoke Barriers (709)	1 hour	Bisects floors of a hospital, hospital egress paths, and areas of refuge, and floors of underground buildings	Smoke Damper	21, 22, 23
717.5.6	Exterior Walls (705)	Refer to Table 706.4 – Fire Wall Fire-Resistance Ratings	Walls enclosing a building	Fire Damper	75, 65, 95, 05, 77, 99, 61
717.5.7	Smoke Partitions (710)	0 hour	Walls serving as part of a corridor or care-suite in Group I-2 buildings, certain elevator lobbies	Smoke Damper	21, 22, 23
717.6.1	Horizontal Through Penetrations	2 hours	Penetrations that are continuous from the ceiling to the floor/roof of a rated assembly	Shaft Enclosure or Fire Damper	75, 65, 95, 05, 77, 99, 61
717.6.2	Ceiling Membrane Penetrations (711)	1 hour	Penetrations that do not continue through the floor or roof of a floor/ceiling or roof/ceiling assembly	Shaft Enclosure or Ceiling Radiation Damper	50, 51, 52, 55, 50 w/Boot, 50 w/Box, 58, 57IB

