



# Thresholds & Weatherstripping

## General Information

**New and existing fire doors are classified/labeled by one of the following designation systems:**

- Hourly rating designation
- Alphabetical letter designation
- A combination of both

### Common Applications for Hager Positive Pressure Edge Sealing & Smoke Seal Systems



Wall Rating	Door and Frame Rating	Door Application and Use	Door Types		Fire Doors Edge Sealing System	Smoke Doors "S" Label Smoke Seal	Fire & Smoke Doors Combination Seal
4 Hr.	3 Hour (A Label) 180 Minute	Openings in fire walls and walls that divide a single building into fire areas	Hollow Metal	Pairs	—	721, 726, 736	—
			Hollow Metal	Singles	—	721, 726, 736	—



2 Hr.	1 1/2 Hour (B Label) 90 minute	Openings to stairwells and elevator shafts; vertical communication or egress through a building, including 2-hr. rated partitions providing horizontal fire separations	Wood Composite	Pairs	724, 729	721, 726, 736	719, 720, 722, 734
			Hollow Metal	Pairs	—	721, 726, 736	—
			Wood Composite	Singles	724, 729	721, 726, 736	719, 720, 722, 734
			Hollow Metal	Singles	—	721, 726, 736	—



2 Hr.	1 1/2 Hour (D Label) 90 minute	Opening where there is a chance of severe fire exposure from the exterior of the building	Hollow Metal	Pairs	—	721, 726, 736	—
			Hollow Metal	Singles	—	721, 726, 736	—



1 Hr.	*1 Hour (B Label) 60 Minutes	Doors that divide occupancies in a building (building less than 4 stories tall)	Wood	Pairs	724, 729	721, 726, 736	719, 720, 722, 734
			Wood	Singles	724, 729	721, 726, 736	719, 720, 722, 734

\*Currently rating only applies to wood doors.



1 Hr.	3/4 Hour (E Label) 45 Minute	Opening in an exterior wall with the potential to be exposed to moderate to light fire from the outside of the building	Hollow Metal	Pairs	—	721, 726, 736	—
			Hollow Metal	Singles	—	721, 726, 736	—



1 Hr.	3/4 Hour (C Label) 45 Minute	Openings in walls or partitions between rooms and corridors	Wood Composite	Pairs	724, 729	721, 726, 736	719, 720, 722, 734
			Wood Composite	Singles	724, 729	721, 726, 736	719, 720, 722, 734



1 Hr.	*1/3 Hour 20 Minute	Openings in corridors where smoke and draft control is required *Does not have letter designation	Wood/Particle Core	Pairs	724, 729	721, 726, 736	719, 720, 722, 734
			Wood/Particle Core	Singles	724, 729	721, 726, 736	719, 720, 722, 734

\*All of the labels listed above have the capability of being both fire and smoke barrier openings. However, not all openings require a smoke label under UBC 7-2 (1997). Openings requiring smoke labels are detailed either by the fire authority having jurisdiction, local code, NFPA 101 or NFPA 5000.