

## Parameters For DuraStraight™ 20 Minute Positive Pressure and Negative Pressure Rated Frame Assemblies

Durastraight system door frames, sidelights, and borrowed light assemblies can be specified with either 20-minute positive pressure or 20-minute negative pressure fire ratings. Positive pressure requirements are up to current UBC-97 7-2 code. Durastraight rated frames have been independently tested and certified by Intertek Testing Services (formerly Warnock-Hersey).

Condition	20 Minute Durastraight Negative Pressure	20 Minute Durastraight Positive Pressure
Maximum Opening Single Swing Door	4'-0" X 9'-0"	4'-0" X 9'-0"
Maximum Opening Pair of Doors	8'-0" X 9'-0"	8'-0" X 9'-0"
Stand Alone Relite	3'-0" X 8'- 6"	Needs to be 45 minute
Maximum Transom Opening	N/A	Needs to be 45 minute
Maximum Multiple Relite Width	Each individual relite must be separated with 6" wall space	Needs to be 45 minute
Approved Glass Manufacturer	Any 20 Minute Rated Glass	Any 45 Minute Rated Glass
Approved Door Manufacturer	Any 20 Minute Rated Door	Any 20 Minute Rated Door
HSS 2000 surface applied Intumescent Required	Not Required	HSS2000 can be surface applied or Palusol can be manufactured into the frame under the veneer
S88 Smoke Seal Required	Yes	Yes
Glass Clips Required	No	No
Intumescent Glazing	Yes	Yes
Electric Strikes	No	No
Concealed Closers	No (Surface mount only)	No (Surface mount only)
Concealed Vertical Rod Devices	Yes	Yes
Electric Lock with wire raceway	Yes	Yes
Hold Open	No	No
Overhead Stops	Must be within door manufactures specs	Must be within door manufactures specs
Rating Approved Latching Devices	Min ½" bolt throw	Min ½" bolt throw

