

3/16" FRAME AND DOOR CLEARANCE APPROVAL FOR FIRE DOORS

VT has fire approval allowing for 3/16" clearance gap between door and frame on doors up to 60-minutes with Pyroforce core construction.

The Creative Composites Ltd. (VT Industries) approved listing, Intertek/Warnock-Hersey (WHI) Spec ID #35662, states the following:

"The doors noted within this listing may be installed with a 3/16" (maximum) gap between the door and frame interface (not allowed at the meeting edges of pairs) for a 60 minute rating (at the discretion of the AHJ) for use in any listed "Category C – Standard Frame" (grouted or un-grouted) only."

VT Capabilities, Restrictions and Rules:

- Up to 3/16" clearance between frame and door
 - 1/8" maximum at meeting edge of pairs
- 45- & 60-minute doors only, must be constructed with fire composite (Pyroforce) core
 - UL 10C, Fire Test Procedure for Positive Pressure Fire Door Assemblies
- Maximum Door Size:
 - 4'0" X 8'0" Singles
 - 8'0" X 8'0" Pairs
 - Reference [Fire Door Capability Chart](#) for specific hardware approval
- Rated Steel Frame only – Category C - Standard Frame
- Listed strike shim required with 1/2" latch bolt throw; 3/4" latch bolt throw does not require shim
- Exceeds recently published NFPA 80 clearance allowances for fire rated doors
 - Authority Having Jurisdiction (AHJ) has the authority to approve based on testing and listing
 - Contact VT for listing and supporting documentation