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VT Industries would like to introduce you to new 45/60/90 minute fire rated core options available to all customers. The new door types VFRE and PFRE have been created and are our most affordable and preferred door types for the following fire rated opening combinations:

- 45 minute single doors greater than 3 x 7, or with VT1FP wood stops, or MVP greater than 864 sq inches, or with any mortised/concealed hardware or raceway's
- all 45 minute pairs
- all 60/90 minute fire ratings

VFRE is a positive pressure veneered door similar to 5P45 and 5P11.

PFRE is a positive pressure laminated door similar to 1P45 and 1P11.

If the combinations of door type/fire rating/stc/elevation entered is not valid error 9014 – INVALID FIRE CORE CRITERIA. CHANGE DOOR TYPE TO 5P11, 1P11, 5P45 OR 1P45 will be displayed.

IF the hardware is not valid for the VFRE/PFRE door, error 9015 – HARDWARE SELECTED NOT ALLOWED WITH THIS DOOR TYPE/FIRE RATING.

If you are keying doors and encounter either of these errors simply change your door type to the corresponding 5P45, 1P45, 5P11 or 1P11 and proceed.

The new door types are also available with STC.

~ STC-36

Singles 45/60 minute; Up to 4-0 x 8-0

~ STC-37

Singles 45/60/90 minute; Up to 4-0 x 9-0

~ There are 2 seal system options available for the new door types/STC combinations.

**Seal System W** – National Guard Products (NGP) 225S Mortised Door Bottom, single row NGP 5075, single row NGP 5060 and 2 NGP #60 Frame Pads

**Seal System X** – NGP 12T6 Surface Door Bottom, single row NGP 5075, single row NGP 5060 and 2 NGP #60 Frame Pads

~ New door types / STC combinations are allowed to have MVP's with 5/16" Ceramic Glass or 7/8" Pyrostop (45 & 60 minute only) up to 484 sq inches. Lites over 484 or alternative fire rated glass allowed but requires STC UNK.

VFRE and PFRE Cut Sheets are also now available on VT Industries Website!

If you have any questions or need additional support with new fire rated core options please contact your ISR for assistance.