



# Product Update

July 25, 2019

#P328

Revision 01

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## PAIRS WITH DIFFERENT CORE TYPES

In accordance with the limitations shown below, VT will construct pairs of doors having different core types. In addition, a flush leaf may be paired with a stile & rail leaf.

### Specific application rules:

- Because different core react differently to fire, both leaves of a fire-rated pair must be constructed of the same core type.
- Where bullet-resistance is required, both leaves are required to have the same construction.
- Where lead-lining is involved (other than designed acoustical core construction SG-5, SG-6, SG-14 and SG-16) both leaves must include lead. The lead thickness and the core type may differ between the two leaves.
- Where one leaf is includes a designed acoustical core construction (SG-3, SG-4, SG-5, SG-6, SG-12, SG-14 and SG-16) the other must be a designed acoustical core construction, though not necessarily the same construction [example one leaf could be SG-4 and the other SG-5]. No STC guaranty is available for such combinations.

### Special Notes:

1. Availability of face-matching may be limited, based on the constructions selected,
2. Hardware options and maximum opening height may be limited by the combination selected,
3. Some combination may impact lead-time