

Our “Thermal Break” line of reduced temperature transmission doors and frames, by nature of it’s fully separated construction, raises some unique hardware mounting issues:

1. Closers should be mounted with machine screws into the reinforcing provided at the inner skin of the door, thus avoiding the use of sex-bolts.
2. The use of ANY form of flush-bolt mounted in the EDGE of the door, is prohibited. The door sheet edge contours, and use of the isolator strip, preclude the mounting of such items. Face-mounted bolts **MUST** be used, top AND bottom. These can be either conventional flushbolts, or surface-mounted slide bolts.
3. For cold weather usage, the preferred seal insert material for use in items such as weather stripping or thresholds would be either silicone, or EPDM, in lieu of the usual vinyl or neoprene.
4. Standard hinges and/or locks may be used, but where temperature conditions are extreme, and usage permits, rim exit devices having a minimum of outside trim are best, for single doors. For pairs with exit devices, we would suggest the use of a mortise device on the active leaf, with a surface vertical rod device on the inactive leaf. This will permit the use of overlapping gasketed astragal(s).