PART 1 – GENERAL

1.01 Entrances and storefront systems including metal frames, glazing, and accessories.

   A. Insulated framing with thermal breaks at glazing channels and/or at mid-point between exterior and interior surfaces.

   B. Maximum U value at center of glass of 0.25 BTU/hr-ft²°F

   C. Design Compliance for installed systems:

      1. Infiltration: maximum 0.05 cfm/foot. (ASTM E283)

      2. No condensation on interior windows or frames at the expected interior temperature and humidity and the outside air temperature at -55 degrees F. Coordinate with mechanical for ventilation near storefronts.

      3. Thermally broken.

1.02 Coordinate Hardware with Division 8 and 28. Supply raceways inside the mullions or door for wiring. Provide door operators and security as requested by FS/DDC.

   A. For new construction, all entrance doors to be controlled via the Division 28 Security System. When two or more entrance doors are present in a single entrance, one door (leaf) shall be controlled via a card key swipe (or proximity reader) and the other doors (leaves) shall simply be locked and unlocked by the system. Also, allow for a door operator for each entrance that is deemed accessible for ADA.

   B. For renovations, consult with FS/DDC on operators and security.

   C. In general, the outside door remains unlocked and the inside door is locked in a vestibule arrangement.

PART 2 – PRODUCTS

2.01 Aluminum Storefronts

   A. Kawneer 500 Tuffline Series or 560 Insulclad Series Door

   B. EFEO

   C. Overguard

   D. No Substitutions

PART 3 – EXECUTION (NOT USED)

END OF SECTION

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