AvaComfort Entry Door

An aluminum-clad uPVC entry door with three sealing layers and steel reinforcement. Frame and leaf sit in one plane (flush). It takes glass or decorative panels, with a wide range of RAL colors outside.



PERFORMANCE

U-factor	**0.16 Btu/h·ft²·°F**
Sound insulation	**Rw 43 dB**
Air permeability	**Class 3 (EN 12207)**
Water tightness	**Class 8A (EN 12208)**
Wind resistance	**Class C3 (EN 12210)**
Security class	**Rc3 (declared)**

TECHNICAL DATA

Material	**uPVC with aluminum cladding outside, main profiles reinforced with galvanized steel**
Profile depth	**3-3/16"**
Profile chambers	**5**
Seals	**2+1, three sealing layers (EPDM)**
Glass or panel thickness	**Up to 3-9/16"**
Glass spacer	**Aluminum or warm-edge**
Max leaf size	**43-5/16" x 98-7/16"**
Max leaf weight	**Not declared for the system; limited by the hinges: 265 lb (3D or hidden), 353 lb (cylindrical)**

Threshold	**Aluminum with thermal break**
Colors	**White, wood textures, matte, metallic or bicolor; RAL range on the outside**
Warranty	**5 years**
Recyclability	**Recyclable**

OPENING TYPES

- Inward opening
- Single leaf
- Multiple leaves
- With transom lights or side panels

OPTIONS

- **Hidden hinges**: Aluminum hinges rated up to 265 lb per leaf, tested for 200,000 cycles, adjustable +0.118" vertically and +0.197" horizontally.
- **Cylindrical hinges**: Aluminum and steel hinges rated up to 353 lb per leaf, in white, gray or brown.
- **3D hinges**: Cast hinges adjustable on 3 axes, rated up to 265 lb per leaf, EN 1935.
- **Semi-automatic lock**: Hook-bolt lock with three closing points; can reach RC3.
- **Automatic lock**: Self-locking system with a pivoting latch, with an electronic version opened by fingerprint or remote.
- **Stainless steel pull handles**: Straight 45 degree handles from 15-3/4" to 70-7/8", plus curved, semicircle, four-bend and triangle shapes; 1-1/4" bar.
- **Escutcheons**: Plates in aluminum (white, bronze, dark gray, brown, light gray, gold) or stainless steel.
- **Cylinder**: Reversible key, 6 active and 9 passive pins, master-key option.
- **Glass**: Burglar-resistant, tempered, matte and decorative glass.
- **Decorative panels**: Ten door design models with an aluminum panel 3-9/16" thick.
- **Extra hinge-side bolts**: Optional extra bolts on the hinge side for more security.
- **Automatic locking**: Automatic locking systems can be fitted.