

Sound Transmission Control Doors (STC)

Acrovyn STC Doors are designed to help alleviate noise transfer within high-traffic areas, which can reduce distractions and provide an extra level of privacy. These doors are offered in a variety of finish options, STC ratings, and fire ratings.

Advantages

- Reduces sound transfer through door openings, creating a more peaceful environment
- Multiple acoustical ratings available to meet varying sound needs
- Unlike square, banded edges, rounded edges offer better protection against impact where most door damage occurs
- Edge covers & stiles are quick and easy to replace on-site if damage occurs
- Acrovyn holds up against daily wear and tear, keeping the doors looking like new
- Durable Acrovyn featured on the face and edges, is five times more abrasion resistant than wood and twice more than HPL

Applications

- High traffic interior environments with specific requirements regarding sound transfer, including schools, conference rooms, and hotel rooms

Building Segments

- Healthcare
- Senior Living
- Education
- Hospitality
- Retail
- Sports & Entertainment
- Civic & Cultural



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Product Details

- Available up to a 90-minute fire rating
- PVC-free Acrovyn
- 1¾" (44.5mm) door thickness
- Replaceable edge covers only
- Prepped for hardware
- Cutouts, vision kits, glazing, astragals, & louvers available
- Top & bottom rails are factory sealed with approved sealant
- Contributes towards LEED v4 credits

Acrovyn Finish Options

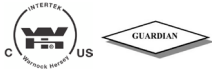


- Stainless steel edges available
- Door edges not available in Acrovyn by Design or Strata
- Microtextures available on select finishes. Not available on edges. Max: 4' (1.2m) x 8' (2.4m)

See all finish options online at c-sgroup.com.

Certifications / Testing

- Cycle Slam: Extra Heavy Duty per WDMA TM-7 (tested to 2,000,000 cycles, double the industry standard)
- Resistant to certain bacterial & fungal growth (per ASTM G 22-76 & G 21-96)
- Chemical resistant (per ASTM D543-06)
- Taber abrasion resistant (per ASTM D 4060-07) (suede & shadowgrain textures only)
- Fire test standards: UL-10C, CAN/ULC S104, & NFPA 252 (FD5-45PP-STC-35-34, FD5-60PP-STC-35-34 & FD5-90PP-STC-36) (Fire rated models only)



Warranty

- Acrovyn Doors Limited Lifetime Warranty
- "Edge of a Lifetime" Warranty

See STC Doors →



Model Details

MODEL	STC RATING	WEIGHT	CORE	MAX SIZE SINGLE SWING	MAX SIZE PAIR OR DOUBLE EGRESS	FIRE RATING
SCL5-NR STC 30	30	6.87lb/ft ²	Bonded SCL	4'0" (1.2m) x 8'0" (2.4m)	N/A	Non-rated
SCL5-NR STC 43-46	43-46	6.87lb/ft ²	Bonded SCL	4'0" (1.2m) x 8'0" (2.4m)	N/A	Non-rated
FD5-45PP STC 35/34	35/34	6.20lb/ft ²	Bonded Mineral	4'0" (1.2m) x 9'0" (2.7m)	8'0" (2.4m) x 9'0" (2.7m)	45-minute
FD5-60PP STC 35/34	35/34	6.20lb/ft ²	Bonded Mineral	4'0" (1.2m) x 9'0" (2.7m)	8'0" (2.4m) x 9'0" (2.7m)	60-minute
FD5-90PP STC 36	36	6.58lb/ft ²	Bonded Mineral	4'0" (1.2m) x 9'0" (2.7m)	N/A	90-minute