

Technical Data Series

Tech 403 Sound (STC) Assemblies



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Technical Data

Sound (STC) Assemblies

Tech 403

NGP Seal Set #N4

ASTM E90-2009 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions

Standards





ASTM E413-2010 Classification for Rating Sound Insulation

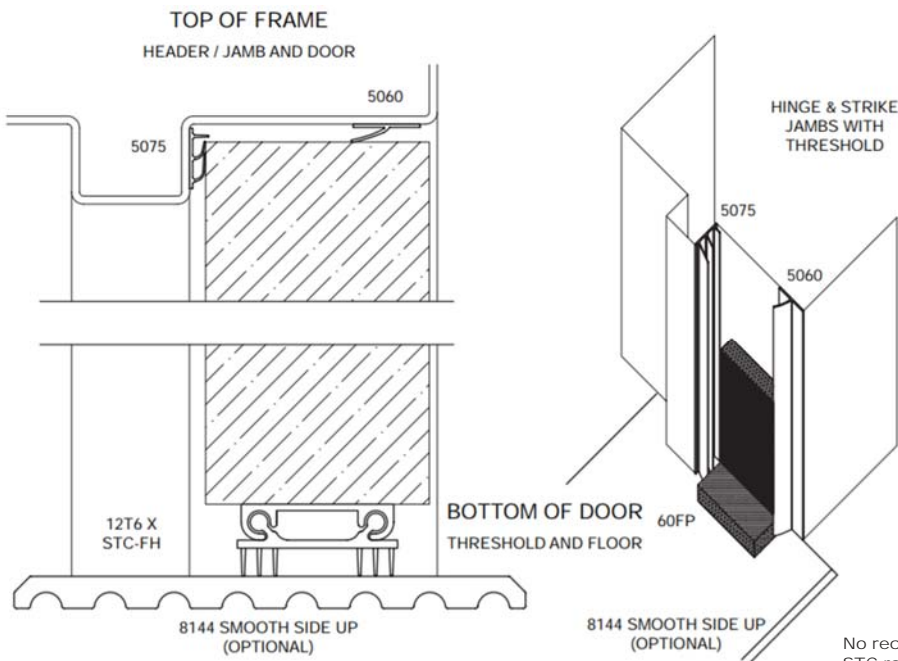
ASTM E1332-10a Standard Classification for Rating Outdoor-Indoor Sound Attenuation

Seal Package

NGP #5075 Thermo-Plastic Elastomer Gasketing (header and jambs)
NGP #5060 Silicone Fin Seal (header and jambs)
NGP #12T6 Thermo-Plastic Door Shoe (bottom of door)
NGP #60FP Acoustical Foam Corner Pad (bottom corner of frame/floor)
NGP #8144S Threshold (Optional) (floor)

*NPG = National Guard Products, Inc.

STC 41	18 Gauge (0.042 min) Steel Stiffened Core Door 3'-0" x 7'-0" Tested Size	 
STC 42	16 Gauge (0.053 min) Steel Stiffened Core Door 4'-0" x 8'-0" Tested Size	 
STC 47	14 Gauge (0.067 min) Steel Stiffened Core Door 4'-0" x 8'-0" Tested Size	 
STC 42	18 Gauge (0.042 min) Special Construction Steel Stiffened Core Door 3'-0" x 7'-0" Tested Size	 
STC 45	16 Gauge (0.053 min) Special Construction Steel Stiffened Core Door 4'-0" x 8'-0" Tested Size	 
STC 51	14 Gauge (0.067 min) Proprietary Core Door Option #1 4'-0" x 8'-0" Tested Size	
STC 52	14 Gauge (0.067 min) Proprietary Core Door Option #2 4'-0" x 8'-0" Tested Size	



No recorded sound loss up to STC 52
 STC ratings based on testing and evaluations.
 Testing and data collection by Intertek Testing Services