

Technical Data

Sound (STC) Assemblies

Tech 403



DHSI Seal Set #D2

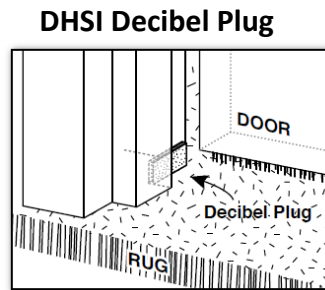
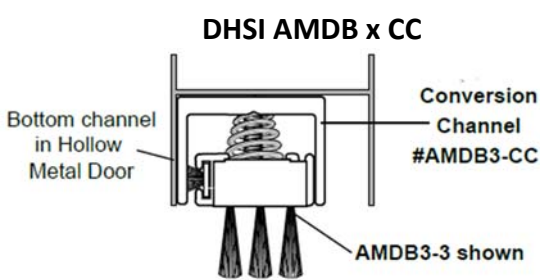
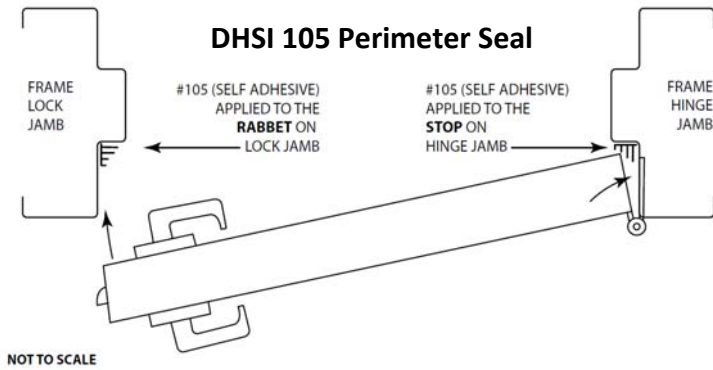
- Standards**
- ASTM E90-2009 Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions
 - ASTM E413-2010 Classification for Rating Sound Insulation
 - ASTM E1332-10a Standard Classification for Rating Outdoor-Indoor Sound Attenuation

Seal Package

- DHSI AMDB x CC Adjustable Mortised Door Bottom w/ Conversion Channel
- DHSI 105 "Cush 'N' Seal" Perimeter Seal
- DHSI DP Decibel Plug

**DHSI = Door and Hardware Systems, Inc.*

- STC 26** 18 Gauge (0.042 min) Polystyrene Core Door 3'-0" x 7'-0" Tested Size 
- STC 29** 18 Gauge (0.042 min) Polyurethane Core Door 3'-0" x 7'-0" Tested Size 



STC ratings based on lab testing and data collection by Intertek Testing Services. MPI testing was performed on fully grouted frames. For wall conditions that do not allow for grouting we recommend a high density sound insulation stuffed tight into frames, although not using grout will result in a lower STC rating. Field testing may vary from lab testing results shown, as lab testing is a controlled testing environment.