

# SUPRESS®

## SOUND-ENGINEERED DRYWALL™

### Product Features, Benefits and Advantages:

- Next-generation high-performance sound (STC 50-78+) and vibration absorbing panels for commercial and residential construction
- Only Supress has STC 50 performance in a 1/2" thick panel
- For higher levels of performance, specify Supress in 5/8", 3/4" home theater or 1" professional sound studio versions to meet the unique performance and sizing needs of each project
- Lab (ASTM E 90-05) and field tested performance
- Fire-rated (ASTM E 119)

Supress Sound-Engineered Drywall is the answer to unwanted sound and noise in residential and commercial structures. Professional builders specify Supress in their multi-family projects to provide that extra level of quality in their floor/ceiling assemblies and common/demising/party walls that today's buyer's demand. Owners of luxury residences throughout the US have used Supress to provide sound absorption in their home theaters, music rooms, children's rooms and play areas. Commercial operators use Supress in their recording studios, conference rooms, offices and in factory/warehouse areas.

Supress Products are sold only through professional building materials dealers and distributors throughout the US:

Supress Sound-Engineered Shear Panels  
 Supress Sound-Engineered Subfloor & Underlayment  
 Supress Sound-Engineered R Channel  
 Supress<sup>†</sup> Sound-Engineered Hat Channel  
 Supress Acoustical Sealant

- Weight per square foot: 1/2" 2.08lbs; 5/8" 2.34lbs; 3/4" 3.06lbs; 1" 3.81lbs
- High STC ratings (50-78+), depending upon product, configuration and installation (ASTM E 90-05)
- Fire Rated (ASTM E 119)
- Avoid exposure to excessive or continuous moisture before, during and after installation
- Non-load bearing

- Simple score and cut sizing-no dust and contaminant-producing power saws needed
- Non-metallic or ceramic used in construction reduces costs, simplifies installation
- Water-based panel materials for interior use
- Does not interfere with cellular reception or wireless network operation



### How to Order Supress Drywall:

Supress Sound-Engineered Drywall in 4' x 8' panels\*

Product	Application
▪ 1/2" SED1248	Remodel/Upgrade
▪ 5/8" SED5848	New Const./Remodel/Comm'l Upgrade
▪ 3/4" SED3448	Theater/Conference Rooms/Luxury Residences
▪ 1" SED4448	Professional Recording Studio/Digital Theater/ Concert Hall

Supress Sound-Engineered Drywall is also available in 4' x 9', 4' x 10' and 4' x 12' sizes.

\*Supress panels are factory-fabricated, composed of a proprietary core encased in heavy natural-finish face paper on each side. The face paper is folded around the long edges to reinforce and protect the core, and the ends are square-cut and finished smooth. Long edges of panels are tapered, allowing joints to be reinforced and concealed with standard joint compound and tape.



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# SUPRESS®

SOUND-ENGINEERED PRODUCTS FOR COMMERCIAL AND RESIDENTIAL STRUCTURES

## Supress® Wall Assemblies-Sound-Engineered Drywall™(SED)

<b>NEW CONSTRUCTION</b>					
Wood Studs-2 x 4		Single Stud	Staggered Stud	Double Stud	Double Stud
Standard 5/8" Drywall		STC 34*	STC 48*	STC 58*	
Supress layer		Single layer one side	Single layer one side	Single layer one side	Single layer both sides
5/8" Drywall layer		Single layer one side	Single layer one side	Single layer one side	None
Fire		One Hour	One Hour	One Hour	One Hour
1/2" Supress Sound-Engineered Drywall		STC 50	STC 55	STC 61	STC 62
5/8" Supress Sound-Engineered Drywall		STC 52	STC 56	STC 62	STC 64
3/4" Supress Sound-Engineered Drywall		STC 54	STC 59	STC 64	STC 68
1" Supress Sound-Engineered Drywall		STC 55	STC 62	STC 66	STC 72
Metal Studs- 2 x 4 Thin Gauge		Single Stud	Staggered Stud	Double Stud	Double Stud
Supress layer		Single layer one side	Single layer one side	Single layer one side	Single layer both sides
5/8" Drywall layer		Single layer one side	Single layer one side	Single layer one side	None
Fire		One Hour	One Hour	One Hour	One Hour
1/2" Supress Sound-Engineered Drywall		STC 50	STC 57	STC 63	STC 64
5/8" Supress Sound-Engineered Drywall		STC 53	STC 59	STC 64	STC 66
3/4" Supress Sound-Engineered Drywall		STC 55	STC 62	STC 66	STC 70
1" Supress Sound-Engineered Drywall		STC 57	STC 64	STC 68	STC 74

<b>REMODEL/RENOVATION/EXISTING WALL UPGRADE</b>					
Wood Studs-2 x 4		Single Stud	Staggered Stud	Double Stud	Double Stud
Standard 5/8" Drywall		STC 42*	STC 48*	STC 58*	
Supress layer		Single layer one side	Single layer one side	Single layer one side	Single layer both sides
5/8" Drywall layer		Single layer both sides	Single layer both sides	Single layer both sides	Single layer both sides
Fire		One Hour	One Hour	One Hour	Two Hour
1/2" Supress Sound-Engineered Drywall		STC 51	STC 57	STC 63	STC 65
5/8" Supress Sound-Engineered Drywall		STC 53	STC 59	STC 65	STC 67
3/4" Supress Sound-Engineered Drywall		STC 55	STC 61	STC 67	STC 70
1" Supress Sound-Engineered Drywall		STC 56	STC 64	STC 69	STC 74
Metal Studs-2 x 4 Thin Gauge		Single Stud	Staggered Stud	Double Stud	Double Stud
Supress layer		Single layer one side	Single layer one side	Single layer one side	Single layer both sides
5/8" Drywall layer		Single layer both sides	Single layer both sides	Single layer both sides	Single layer both sides
Fire		One Hour	One Hour	Two Hour	Two Hour
1/2" Supress Sound-Engineered Drywall		STC 52	STC 58	STC 64	STC 67
5/8" Supress Sound-Engineered Drywall		STC 54	STC 60	STC 66	STC 69
3/4" Supress Sound-Engineered Drywall		STC 56	STC 63	STC 68	STC 72
1" Supress Sound-Engineered Drywall		STC 58	STC 66	STC 70	STC 76

\*Source: NRC-CNRC IRC-IR-693 10/95 Copyright © 2005-2007 Supress Products, LLC. All rights reserved.

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