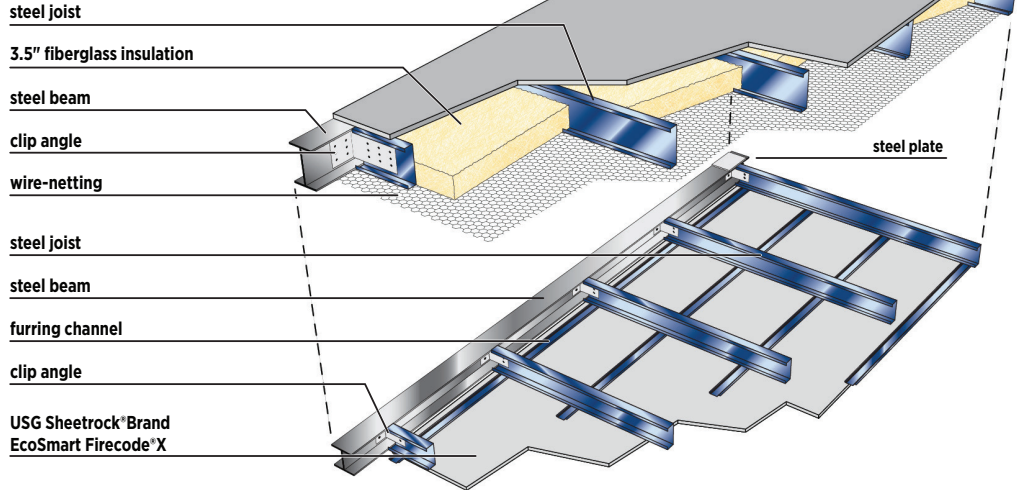


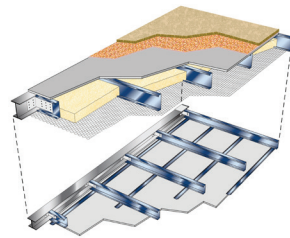
# USG STRUCTURAL PANEL CONCRETE SUBFLOOR ATTAINABLE SOUND RATINGS

UL® H501® - 2-HOUR  
FIRE RATED DESIGN

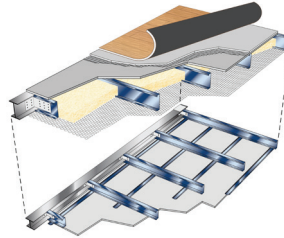
## USG Structural Panel Concrete Subfloor



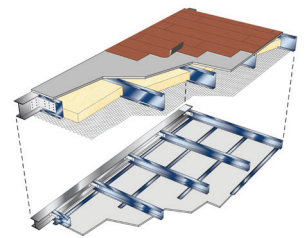
## SAMPLE LAYOUTS



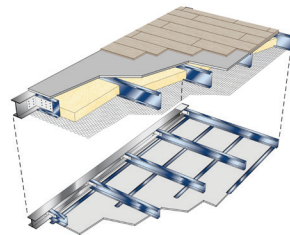
Carpet & Pad



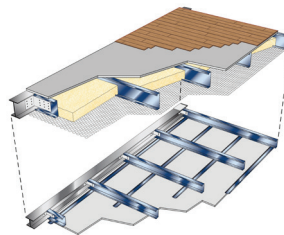
Sheet Vinyl



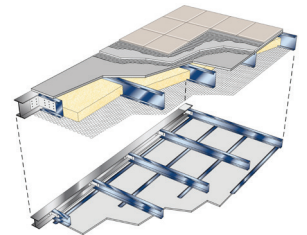
Vinyl Plank (LVT)



Laminate Wood Floor



Wood Floor



Ceramic Tile

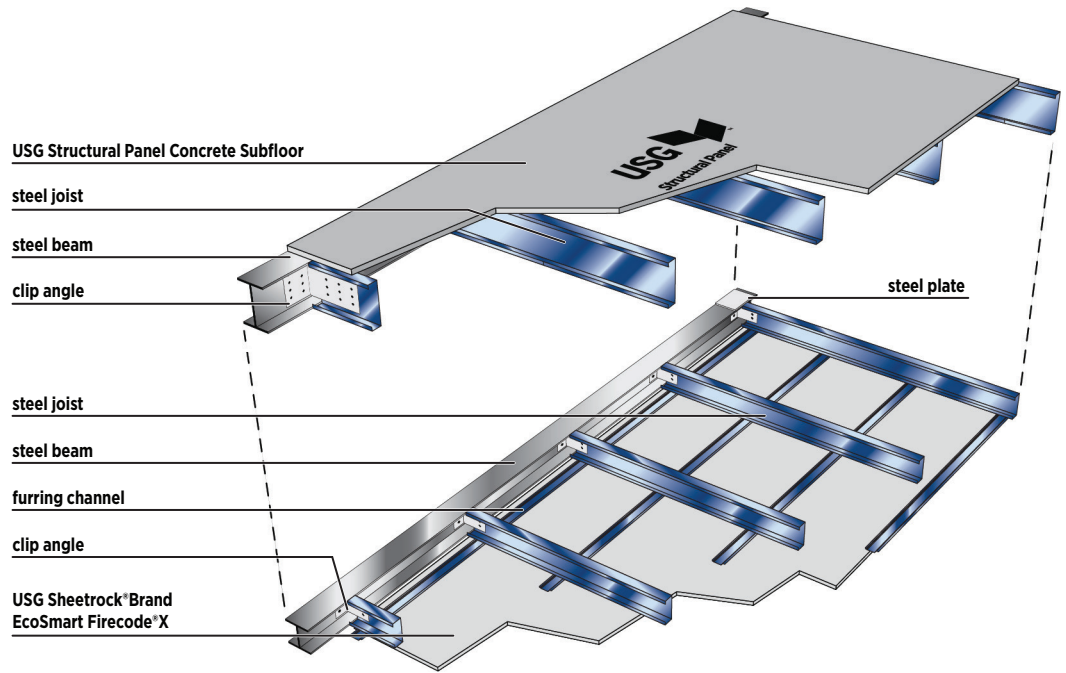
## FLOOR FINISH

2-Hour Rated System	STC	IIC
Carpet & Pad	56	75
Sheet Vinyl	56	54
Padded Sheet Vinyl	56	55
Vinyl Plank (LVT)	57	54
Laminate Wood Floor	57	55
1/2" Wood Floor	57	52
Ceramic Tiles (12"x12")	59	55

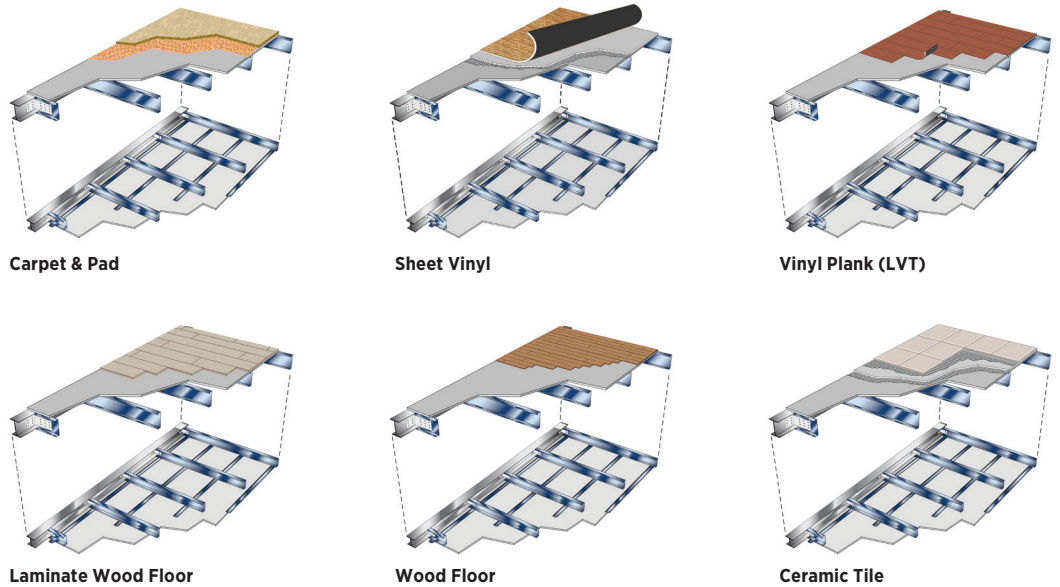
Notes:

1. The attained sound values are with Sound Isolation Mats, Double layer of Sheetrock® on the ceiling, or both
2. Ceiling constructed using 5/8" thick USG Sheetrock® Brand EcoSmart Panels Firecode® X (ULIX) or Type C USG Sheetrock® Brand Panels

**UL® H501® - 1-HOUR  
FIRE RATED DESIGN**



**SAMPLE LAYOUTS**



**FLOOR FINISH**

1-Hour Rated System	STC	IIC
Carpet & Pad	52	62
Sheet Vinyl	55	51
Padded Sheet Vinyl	55	56
Vinyl Plank (LVT)	55	51
Laminate (wood)	54	50
1/2" Wood Floor	55	53
Ceramic Tiles (12"x12")	57	52

- Notes:
- H501® for 1-hour does not include insulation in the joist cavity
  - The attained sound values are with Sound Isolation Mats, Double layer of Sheetrock® on the ceiling, or both
  - Ceiling constructed using 5/8" thick USG Sheetrock® Brand EcoSmart Panels Firecode® X (ULIX) or Type C USG Sheetrock® Brand Panels

Note:  
The acoustical ratings are achieved via a combination of either sound mats, underlayments and/or a single or double layer of USG Sheetrock® Brand Gypsum panels as the assembly ceiling. Contact your local USG Sales Representative for the appropriate description for each system.

## CONTACT INFO

Review our [Contact Map \(SCP70\)](#) to identify the USG Structural Panel business manager in your area or email queries to [usgstructural@usg.com](mailto:usgstructural@usg.com).

**MSRP based upon full truckload  
delivered to jobsite:  
Subfloor: \$4.50/sf**

SCP79-USA-ENG/rev. 8-20  
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[usgstructural@usg.com](mailto:usgstructural@usg.com)

**PRODUCT INFORMATION**

See [usg.com/structural](http://usg.com/structural) for the most  
up-to-date product information

**TRADEMARKS**

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**NOTICE**

We shall not be liable for incidental or  
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indirectly sustained, nor for any loss  
caused by application of these goods  
not in accordance with current printed

instruction or for other than the  
intended use. Our liability is expressly  
limited to replacement of defective  
goods. Any claim shall be deemed  
waived unless made in writing to us  
within thirty (30) days from date it was  
or reasonably should have been  
discovered.

**SAFETY FIRST!**

Follow good safety/industrial hygiene  
practices during installation. Wear  
appropriate personal protective  
equipment. Read SDS and literature  
before specification and installation.