USG STRUCTURAL PANEL
CONCRETE SUBFLOOR
ATTAINABLE SOUND RATINGS

UL® H501®, 2-HOUR
FIRE RATED DESIGN

SAMPLE LAYOUTS

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

USG
Structural Solutions

IT’S YOUR WORLD. BUILD IT.
UL® H501® – 1-HOUR
FIRE RATED DESIGN

SAMPLE LAYOUTS

FLOOR FINISH

UL® H501® – 1-HOUR FIRE RATED DESIGN

SAMPLE LAYOUTS

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Notes:

1. H501® for 1-hour does not include insulation in the joist cavity
2. The attained sound values are with Sound Isolation Mats, Double layer of Sheetrock on the ceiling, or both
3. 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.
PRODUCT INFORMATION
See usg.com/structural for the most up-to-date product information

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