

USG STRUCTURAL PANEL CONCRETE SUBFLOOR ATTAINABLE SOUND RATINGS

UL H505 – 2-HOUR
FIRE RATED DESIGN

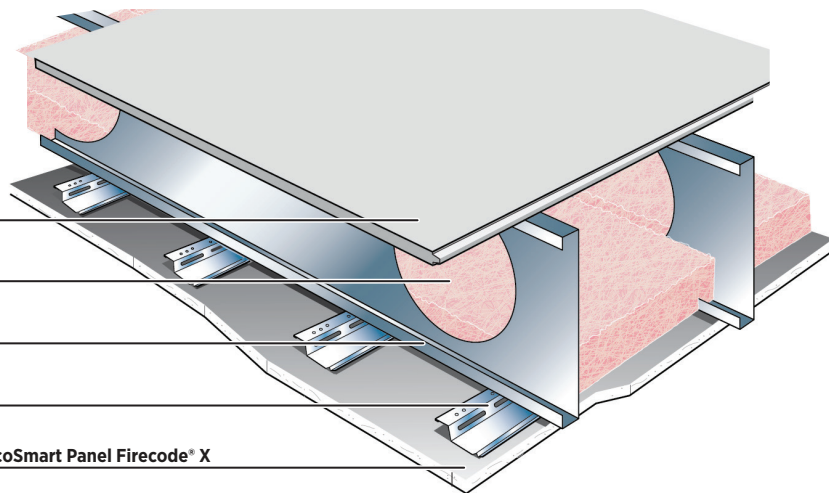
USG Structural Panel
Concrete Subfloor

glass fiber insulation

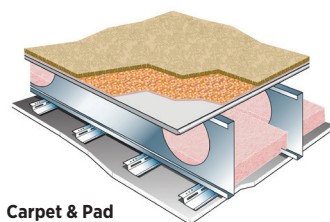
steel C-joist

resilient channel

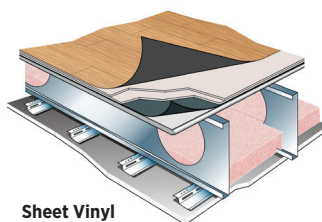
5/8" USG Sheetrock® Brand EcoSmart Panel Firecode® X



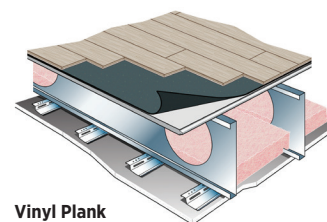
SAMPLE LAYOUTS



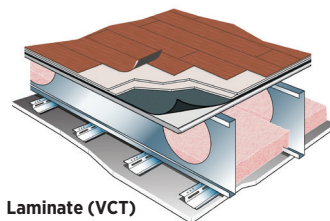
Carpet & Pad



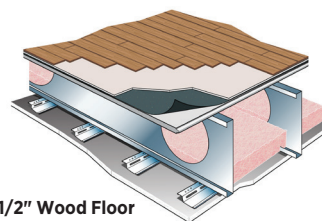
Sheet Vinyl



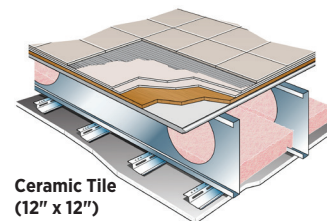
Vinyl Plank



Laminate (VCT)



1/2" Wood Floor



Ceramic Tile
(12" x 12")

FLOOR FINISH

2-Hour Rated System	10 inch C-Joist		12 inch C-Joist		14 inch C-Joist	
	STC	IIC	STC	IIC	STC	IIC
Carpet & Pad	—	—	53	59	53	59
Sheet Vinyl	56	60	52	50	56	51
Padded Sheet Vinyl	56	53	56	54	56	54
Vinyl Plank	57	51	55	54	56	54
Laminate (VCT)	—	—	56	51	—	—
1/2" Wood Floor	57	50	54	53	54	53
Ceramic Tiles (12"x12")	58	51	56	52	56	52

Notes:

- 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.
- Ceiling constructed using 5/8" thick USG Sheetrock® Brand EcoSmart Panels Firecode® X(ULIX), 28% lighter than 5/8" Type C USG Sheetrock® Brand Panels

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

SCP77-USA-ENG/rev. 10-18
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PRODUCT INFORMATION
See 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
consequential damages, directly or
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.