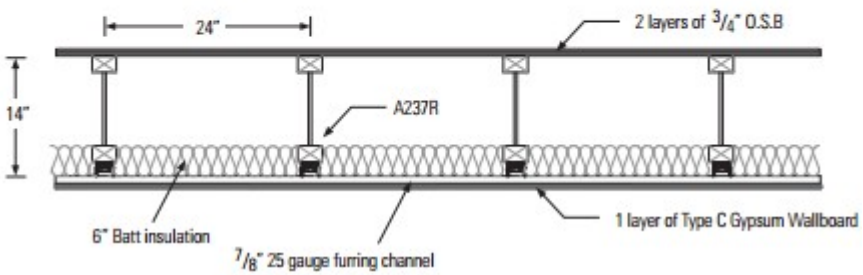
Trademark SOUNDPROOFING

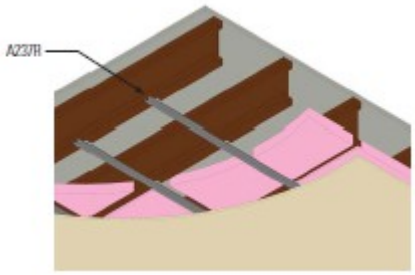
TMS Silent Clip -A237R

Testing Data for Floor and Ceiling Assemblies

A237R Wood I-Joist with 1 layer of Type C Gypsum Wallboard

Fig 1





1hr Fire Rated

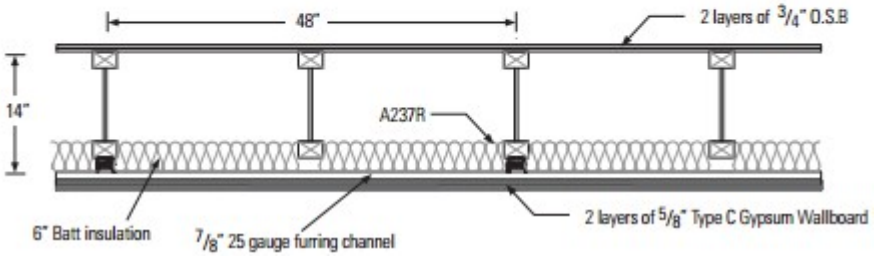
c UL us
UL ASSEMBLY L518

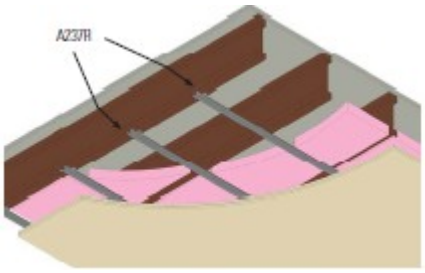
STC 59
IIC 50

RAL-IN14-018 (IIC)
RAL-TL14-270 (STC)

A237R Wood I-Joist with 2 layers of Type C Gypsum Wallboard

Fig 4





1hr Fire Rated

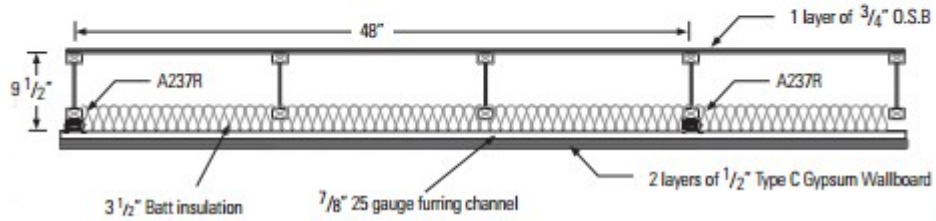
c us
Intertek
102091106SAT

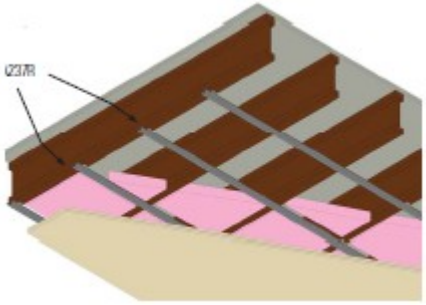
STC 60
IIC 56

RAL-IN14-019 (IIC)
RAL-TL14-271 (STC)

A237R Wood I-Joist with 2 layers of Type C Gypsum Wallboard

Fig 7





1hr Fire Rated

c us
Intertek
102091106SAT

STC 56
IIC 48

OPINION 1,2.
PHA ACOUSTIC CONSULTING

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TMS Silent Clip -A237R

Testing Data for Floor and Ceiling Assemblies

A237R Wood I-Joist with 2 layers of Type C Gypsum Wallboard

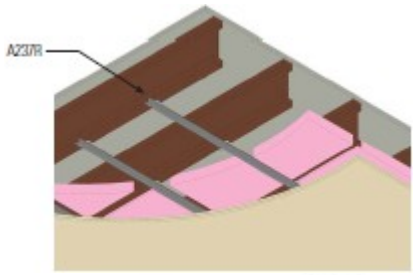
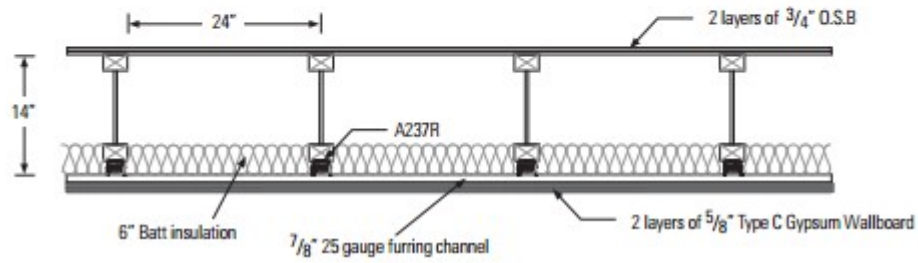


Fig 10



2hr Fire Rated

c UL us
UL ASSEMBLY L570

STC 60
IIC 56

RAL-IN14-019 (IIC)
RAL-TL14-271 (STC)

A237R Open Web Wood Truss with 1 layer of Type C Gypsum Wallboard

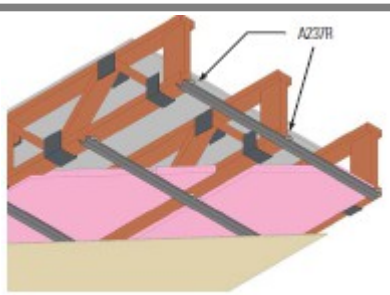
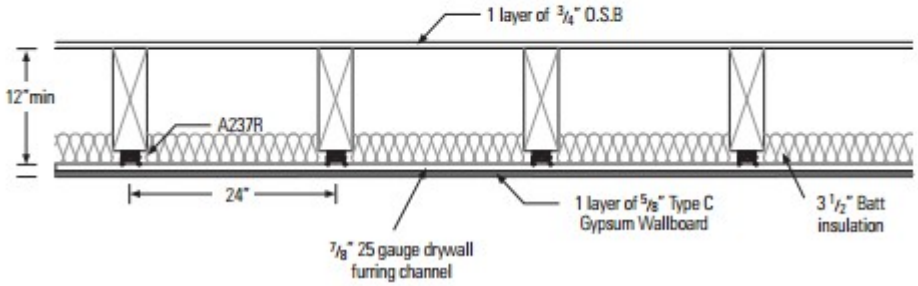


Fig 13



1hr Fire Rated

c UL us
UL ASSEMBLY L528

STC 54
IIC 46

OPINION t,p.
PHA ACOUSTIC CONSULTING

A237R Open Web Wood Truss with 2 layers of Type C Gypsum Wallboard

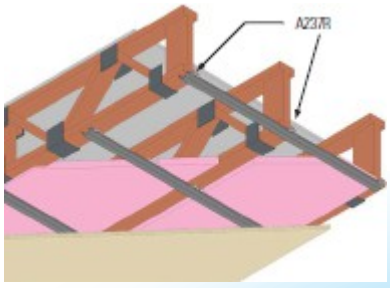
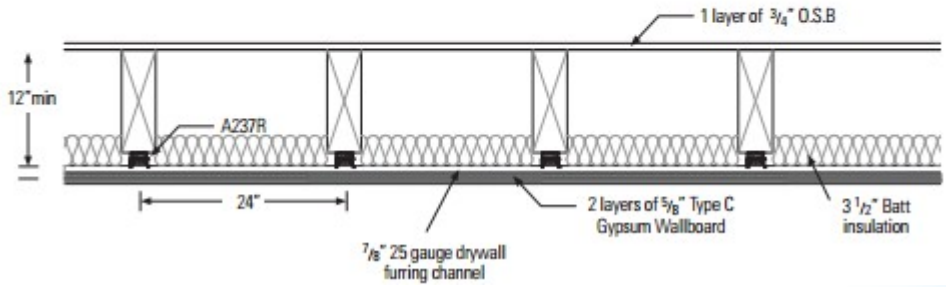


Fig 16



2hr Fire Rated

c UL us
UL ASSEMBLY L505

STC 58
IIC 50

OPINION t,p.
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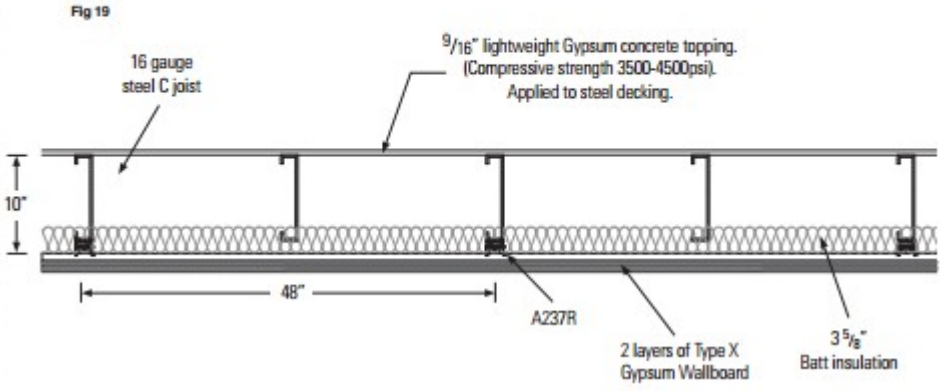
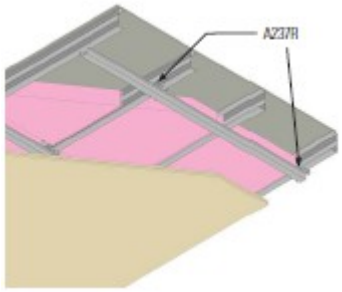
TMS Silent Clip -A237R

Testing Data for Floor and Ceiling Assemblies

A237R 10" Steel C Joist with 2 Layers of Type X Gypsum Wallboard

Fig 19





1.5hr Fire Rated

Intertek 3188856SAT-006B

STC 65 IIC 58

OPINION 1,2.

PHA ACOUSTIC CONSULTING

A237BR Steel Bar Joist with Normal Weight Concrete

Fig 22

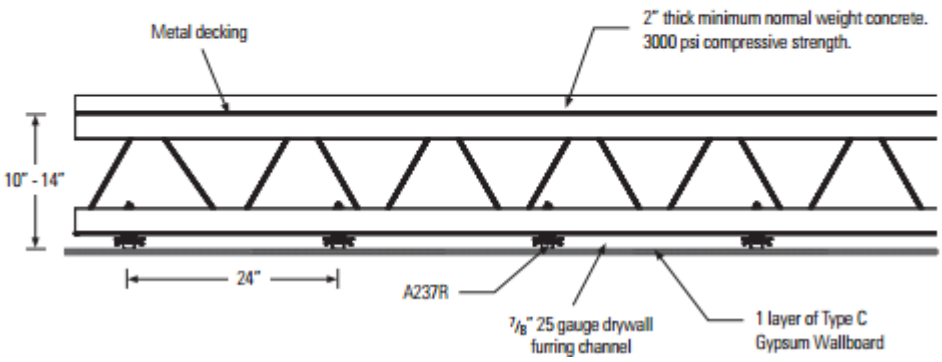
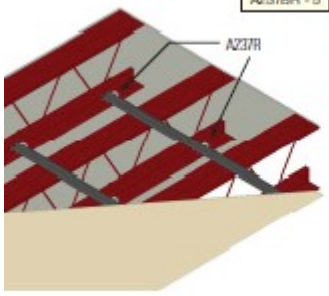


Fig 23

	Bolt Length	Cord
A237BR - 3	3"	1"
A237BR - 4	4"	2"
A237BR - 5	5"	3"



Note:
The addition of fiberglass insulation in the cavity can raise the performance to approximately STC 63.

1hr Fire Rated

c UL us

UL ASSEMBLY G501 + 504

STC 53 IIC 34

OPINION 1,2.

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