Wood Stud Partitions with Framing 16" o.c.

**STC-34**
Framing: 2x4 wood studs, 16" o.c.
Insulation: None
Side 1: 1/2" Fire-Shield C Gypsum Board
Side 2: 1/2" Fire-Shield C Gypsum Board

UL Design: U317 - 45 minutes

**NGC 2161**

**STC-39**
Framing: 2x4 wood studs, 16" o.c.
Insulation: 3-1/2" glass fiber
Side 1: 1/2" Gold Bond Gypsum Board
Side 2: 1/2" SoundBreak XP Gypsum Board

UL Design: Not Rated

**NGC 2009047**

**STC-43**
Framing: 2x4 wood studs, 16" o.c.
Insulation: 3-1/2" glass fiber
Side 1: 1/2" Gold Bond Gypsum Board
Side 2: 1/2" SoundBreak XP Gypsum Board on 1/2" Gold Bond Gypsum Board

UL Design: Not Rated

**NGC 2009040**

**STC-35**
Framing: 2x4 wood studs, 16" o.c.
Insulation: None
Side 1: 5/8" Fire-Shield Gypsum Board
Side 2: 5/8" Fire-Shield Gypsum Board

UL Design: U305 - 1 hour

**NGC 2403**
Wood Stud Partitions with Framing 16" o.c.

**STC-36**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 5/8" Fire-Shield Gypsum Board
- Side 2: 5/8" Fire-Shield Gypsum Board
- UL Design: U305 - 1 hour

**STC-42**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 5/8" Fire-Shield Gypsum Board
- Side 2: 5/8" SoundBreak XP Gypsum Board
- UL Design: U305 - 1 hour

**STC-45**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 5/8" SoundBreak XP Gypsum Board
- Side 2: 5/8" SoundBreak XP Gypsum Board
- UL Design: U305 - 1 hour

**STC-40**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: None
- Side 1: 2 layers 5/8" Fire-Shield Gypsum Board
- Side 2: 2 layers 5/8" Fire-Shield Gypsum Board
- UL Design: U301 - 2 hour
Wood Stud Partitions with Framing 16" o.c.

**STC-41 NGC 2364**
- **Framing:** 2x4 wood studs, 16" o.c.
- **Insulation:** 3-1/2" glass fiber
- **Side 1:** 2 layers 5/8" Fire-Shield Gypsum Board
- **Side 2:** 2 layers 5/8" Fire-Shield Gypsum Board
- **UL Design:** U301 - 2 hour

**STC-45 NGC 2009017**
- **Framing:** 2x4 wood studs, 16" o.c.
- **Insulation:** 3-1/2" glass fiber
- **Side 1:** 5/8" Fire-Shield on 5/8" SoundBreak XP
- **Side 2:** 5/8" Fire-Shield on 5/8" SoundBreak XP
- **UL Design:** U301 - 2 hour

**STC-51 NGC 2011071**
- **Framing:** 2x4 wood studs, 16" o.c.
- **Insulation:** 3-1/2" glass fiber
- **Side 1:** 5/8" Fire-Shield Gypsum Board
- **Side 2:** 5/8" Fire-Shield Gypsum Board on RC-1
- **UL Design:** U305 - 1 hour

**STC-54 NGC 2011066**
- **Framing:** 2x4 wood studs, 16" o.c.
- **Insulation:** 3-1/2" glass fiber
- **Side 1:** 5/8" SoundBreak XP Gypsum Board
- **Side 2:** 5/8" Fire-Shield Gypsum Board on RC-1
- **UL Design:** U305 - 1 hour
Wood Stud Partitions with Framing 16" o.c.

**STC-55**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" fiber glass
- Side 1: 2 layers 5/8" Fire-Shield Gypsum Board
- Side 2: 5/8" Fire-Shield Gypsum Board on RC-1
- UL Design: U305 - 1 hour

**STC-58**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 5/8" Fire-Shield Gypsum Board on 5/8" SoundBreak XP Gypsum Board
- Side 2: 5/8" Fire-Shield Gypsum Board on RC-1
- UL Design: U305 - 1 hour

**STC-58**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 2 layers 5/8" Fire-Shield Gypsum Board
- Side 2: 2 layers 5/8" Fire-Shield Gypsum Board on RC-1
- UL Design: U301 - 2 hours

**STC-61**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3-1/2" glass fiber
- Side 1: 5/8" Fire-Shield Gypsum Board on 5/8" SoundBreak XP Gypsum Board
- Side 2: 2 layers 5/8" Fire-Shield Gypsum Board on RC-1
- UL Design: U301 - 2 hours
**Wood Stud Partitions with Framing 16" o.c.**

**Figure 114**

**Figure 115**

### STC-38  NGC 2008032

- **Framing:** 2x6 wood studs, 16" o.c.
- **Insulation:** 5-1/2" glass fiber
- **Side 1:** 5/8" Fire-Shield Gypsum Board
- **Side 2:** 5/8" Fire-Shield Gypsum Board

**UL Design:** U305 - 1 hour

**Figure 116**

### STC-42  NGC 2009008

- **Framing:** 2x6 wood studs, 16" o.c.
- **Insulation:** 5-1/2" glass fiber
- **Side 1:** 5/8" Fire-Shield Gypsum Board
- **Side 2:** 5/8" SoundBreak XP Gypsum Board

**UL Design:** U305 - 1 hour

**Figure 117**

### STC-44  NGC 2009012

- **Framing:** 2x6 wood studs, 16" o.c.
- **Insulation:** 5-1/2" glass fiber
- **Side 1:** 5/8" SoundBreak XP Gypsum Board
- **Side 2:** 5/8" SoundBreak XP Gypsum Board

**UL Design:** U305 - 1 hour

### STC-46  NGC 2009010

- **Framing:** 2x6 wood studs, 16" o.c.
- **Insulation:** 5-1/2" glass fiber
- **Side 1:** 5/8" SoundBreak XP Gypsum Board
- **Side 2:** 5/8" Fire-Shield Gypsum Board on 5/8" SoundBreak XP Gypsum Board

**UL Design:** U305 - 1 hour
Wood Stud Partitions with Framing 16" o.c.

**STC-57**  NGC 2010081

- Framing: 2x6 wood studs, 16" o.c.
- Insulation: 5-1/2" glass fiber
- Side 1: 5/8" SoundBreak XP Gypsum Board
- Side 2: 5/8" Fire-Shield Gypsum Board on RC-1

UL Design: U305 - 1 hour

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**STC-58**  NGC 2010080

- Framing: 2x6 wood studs, 16" o.c.
- Insulation: 5-1/2" glass fiber
- Side 1: 5/8" SoundBreak XP Gypsum Board
- Side 2: 5/8" Hi-Impact XP Gypsum Board on RC-1

UL Design: U305 - 1 hour
Wood Stud Partitions with Framing 16” o.c.

**STC-33**
Framing: 2x4 wood studs, 16” o.c.
Insulation: None
Side 1: 5/8” Fire-Shield LITE 30 Gypsum Board
Side 2: 5/8” Fire-Shield LITE 30 Gypsum Board
UL Design: W411 - 1/2 hour

**NGC 2014046**

**STC-35**
Framing: 2x4 wood studs, 16” o.c.
Insulation: 3 1/2” glass fiber
Side 1: 5/8” Fire-Shield LITE Gypsum Board
Side 2: 5/8” Fire-Shield LITE Gypsum Board
UL Design: U305 - 1 hour

**NGC 2014041**

**STC-34**
Framing: 2x4 wood studs, 16” o.c.
Insulation: 3-1/2” glass fiber
Side 1: 5/8” Fire-Shield LITE 30 Gypsum Board
Side 2: 5/8” Fire-Shield LITE 30 Gypsum Board
UL Design: W411 - 1/2 hour

**NGC 2014045**

**STC-38**
Framing: 2x4 wood studs, 16” o.c.
Insulation: 3-1/2” glass fiber
Side 1: 2 layers 5/8” Fire-Shield LITE Gypsum Board
Side 2: 2 layers 5/8” Fire-Shield LITE Gypsum Board
UL Design: U301 - 2 hour

**NGC 2014042**
Wood Stud Partitions with Framing 16" o.c.

**STC-48**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3 1/2" glass fiber
- Side 1: 5/8" Fire-Shield LITE Gypsum Board
- Side 2: 5/8" Fire-Shield LITE Gypsum Board on RC-1
- UL Design: U305 - 1 hour

**NGC 2014043**

**STC-45**
- Framing: 2x4 wood studs, 16" o.c.
- Insulation: 3 1/2" glass fiber
- Side 1: 5/8" Fire-Shield LITE 30 Gypsum Board
- Side 2: 5/8" Fire-Shield LITE 30 Gypsum Board on RC-1
- UL Design: W411 - 1/2 hour

**NGC 2014044**