

**SKAMOTEC 225
TV MOUNTING ASSEMBLY**

SKAMOTEC 225 Installation

Please review the following information before starting.

All the material you require to build your fireplace enclosure is constructed from Skamotec 225.

We have simplified things by providing the following:

- Tool & hardware requirements
- Material requirements
- Assembly instructions

Tools & Hardware Required

Tools



Screws

#8 x 2-1/2" Coarse Thread Construction Screws

Note: Use a fastener spacing of 6" – 8" with an minimum edge distance of 3/4" - 1"

Adhesives

Recommended Construction Adhesives:

- (US) Loctite - PL® Premium® 3X
- (Canada) LePage - PL® Premium® 3X



Key Installation Points

- All joints must be attached using the recommended construction adhesive & construction screws.
- All joining SKAMOTEC 225 surfaces must be moistened with water before assembly. This is to prevent the adhesive from drying out too quickly & adhering incorrectly
- Always maintain a minimum of **1/8" clearance** from all window frame surface³. Always maintain a minimum of 1/8" clearance from the Wall Standoff (framing the glass panel) and 2" from all other surfaces. See Bellfires Installation Manual for more details and all of the clearance requirements.
- Do not** fasten any part of Skamotec 225 to the fireplace structure

IMPORTANT

Before you begin please watch our SKAMOTEC 225 Installation Video

Toll Free & Fax: +1-844-475-2665

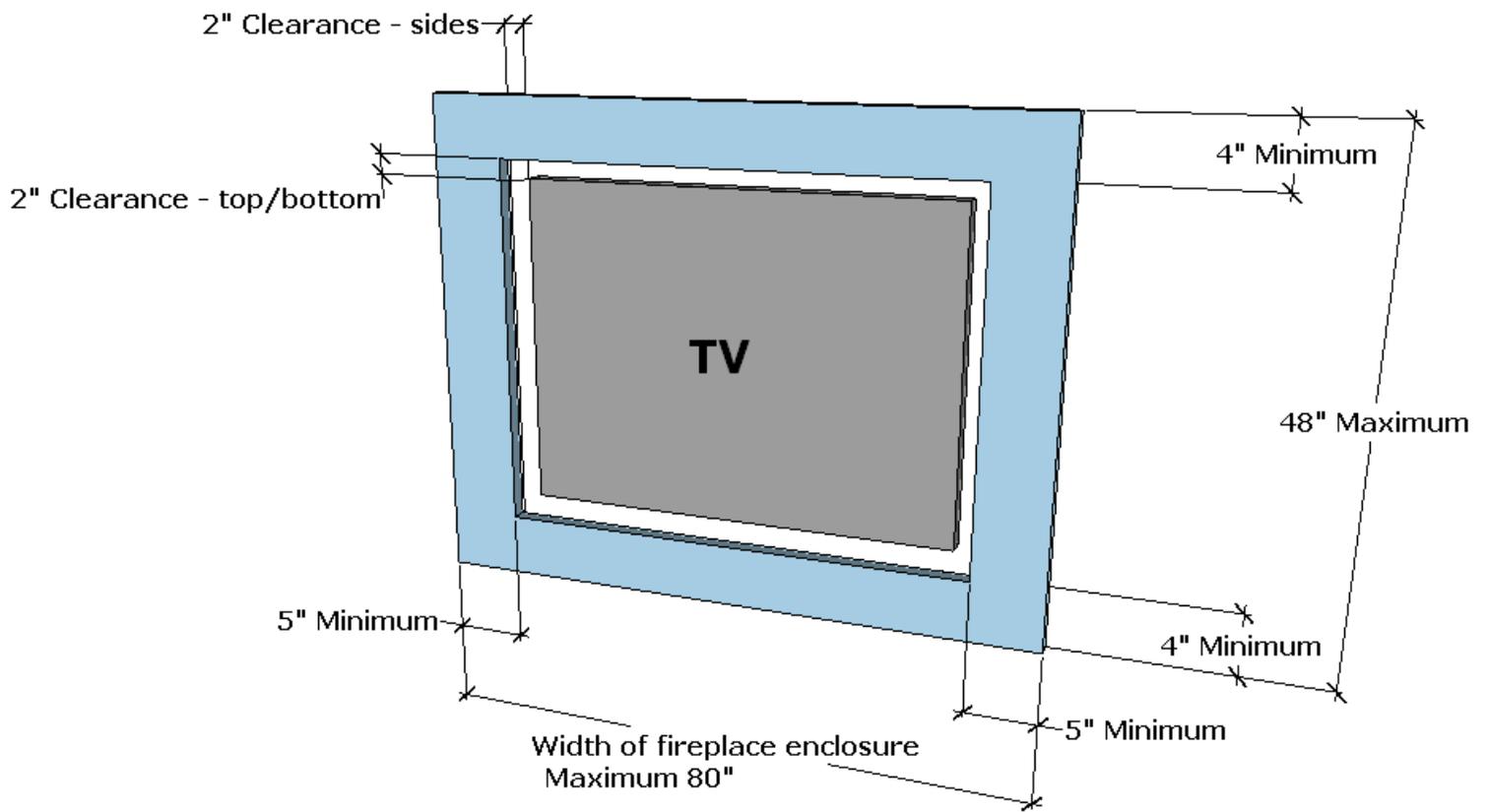
E-mail: skamotec225@skamol.com

Skamol Americas Inc.

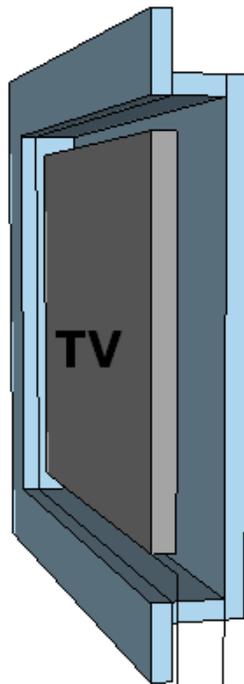
www.skamotec225.com



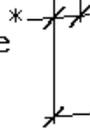
SKAMOTEC 225
Installation Video



Step 1a - Required Clearances

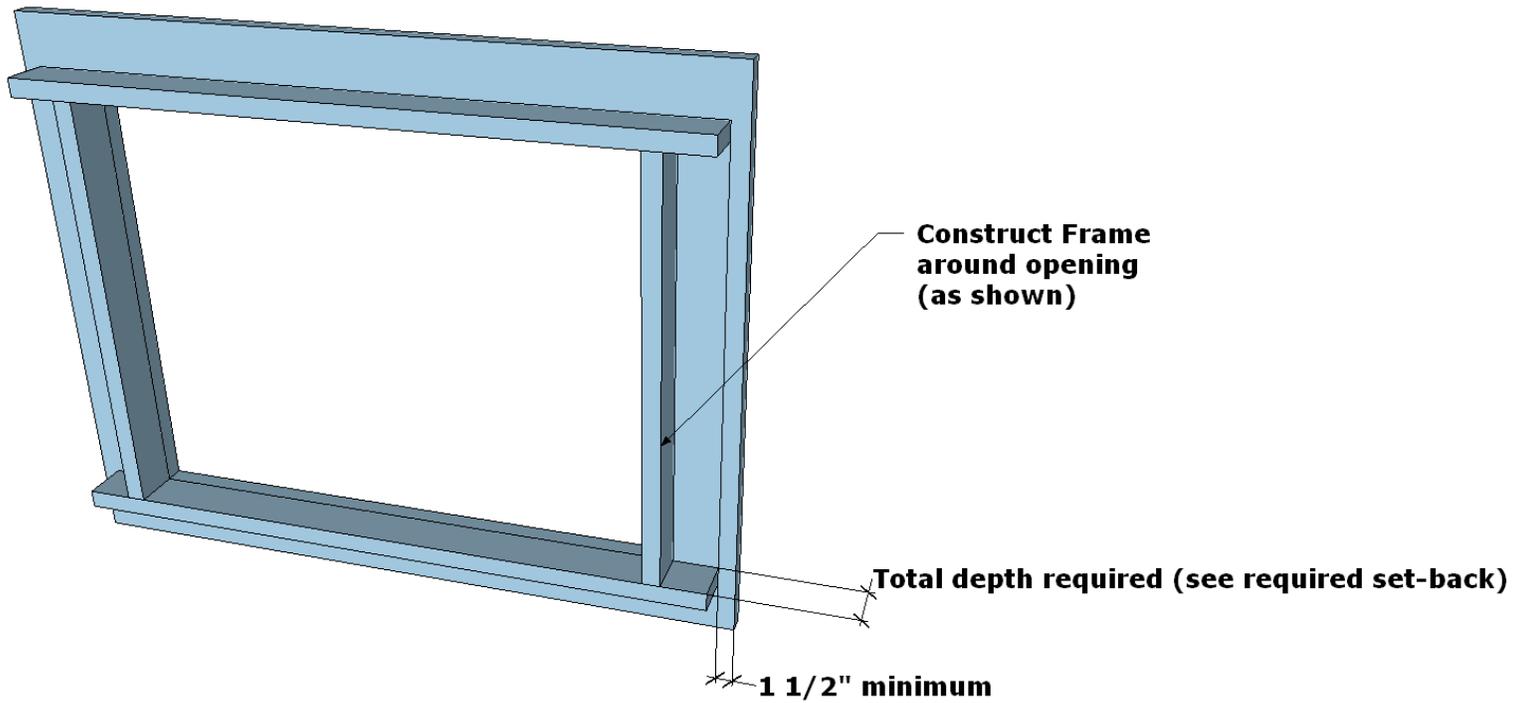


Front face of TV must be set-back 2"
from finished face of fireplace enclosure



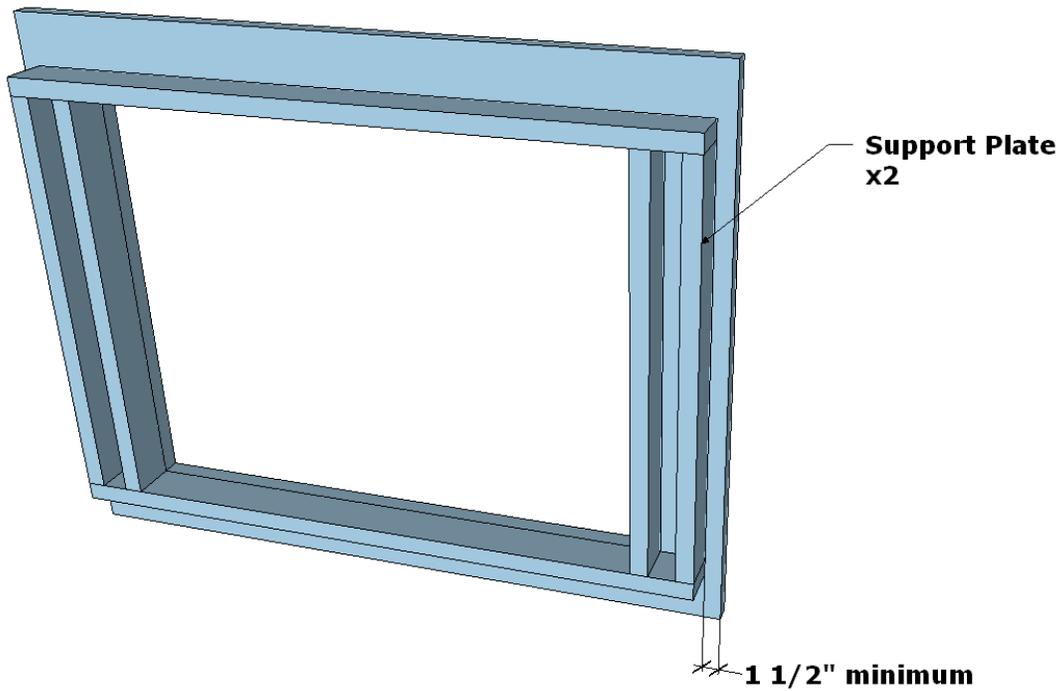
Total Depth Required =
+ tv mounting bracket
+ tv thickness
+ 2" set-back (front face of fireplace enclosure)

Step 1b - Required Set-back
(Cross-Section)



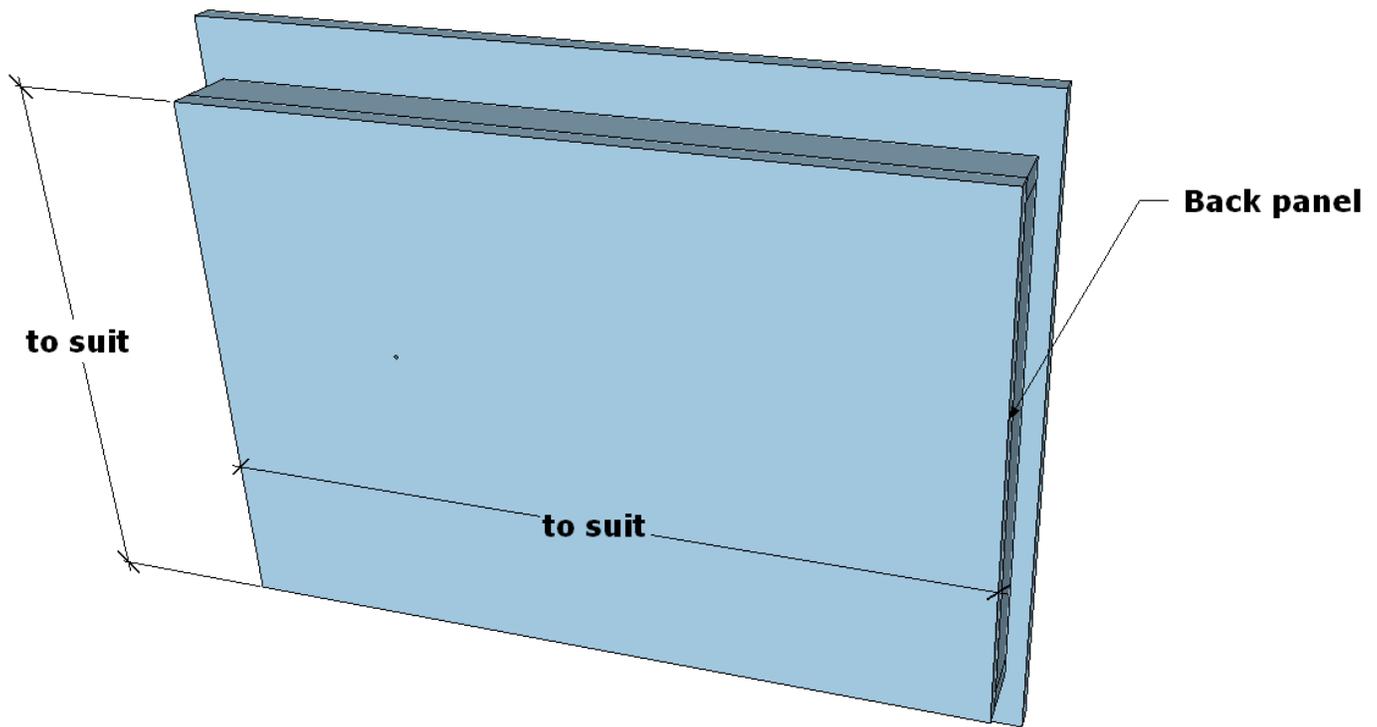
Step 2 – Install Frame to back side of front panel

- Attach using 2 1/2" construction screws & adhesive
- Maintain a fastener spacing of 6"- 8"



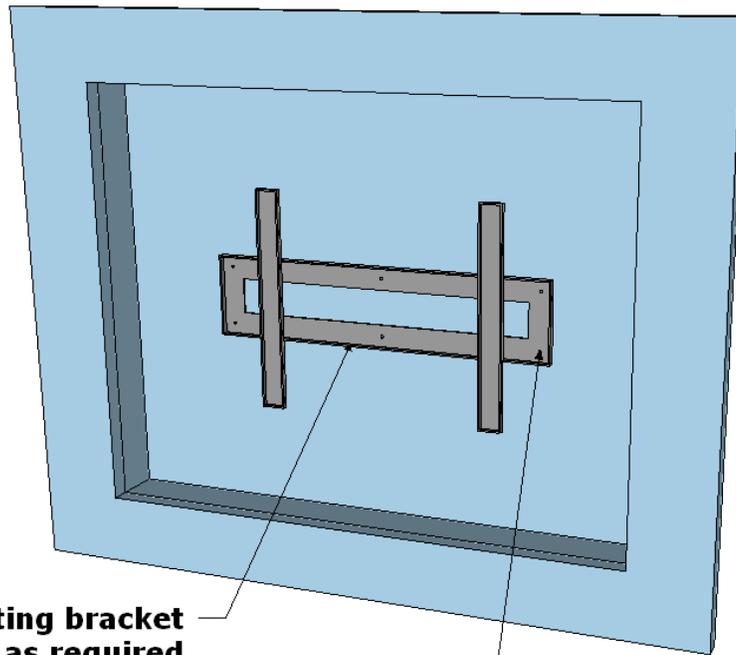
Step 3 – Install Support Frame

- Attach using 2 1/2" construction screws & adhesive
- Maintain a fastener spacing of 6"- 8"



Step 4 - Install Back Panel

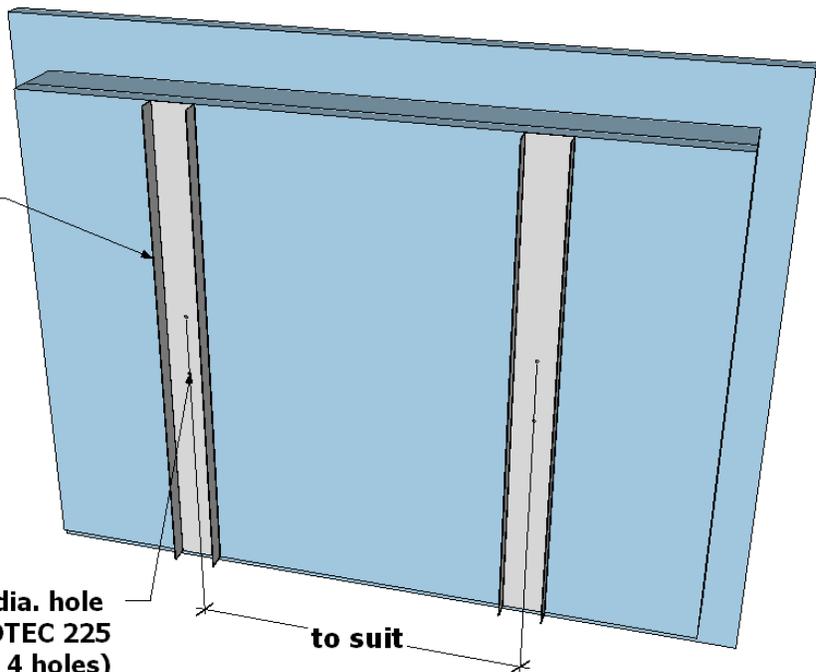
- Attach using 2 ½" construction screws & adhesive
- Maintain a fastener spacing of 6"- 8"



**tv mounting bracket
position as required**

**using existing hole in bracket, drill 5/16" dia. hole
thru SKAMOTEC 225
(minimum 4 holes)**

Step 5a- Install TV mounting bracket- front side of panel

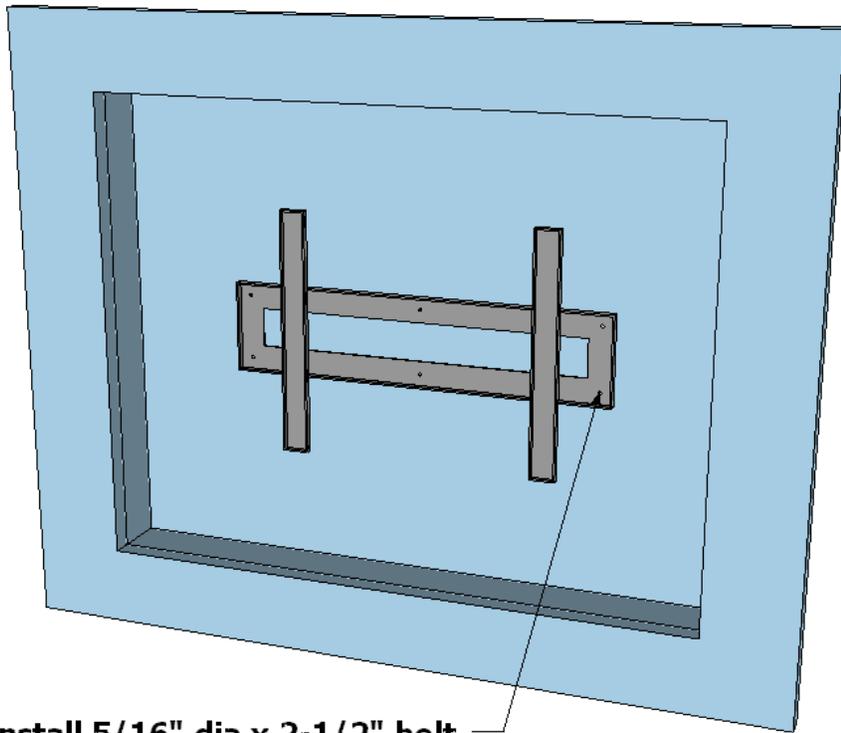


**Steel stud
x2
attach with #10 x 1" screws**

**drill 5/16" dia. hole
match existing hole locations in SKAMOTEC 225
(minimum 4 holes)**

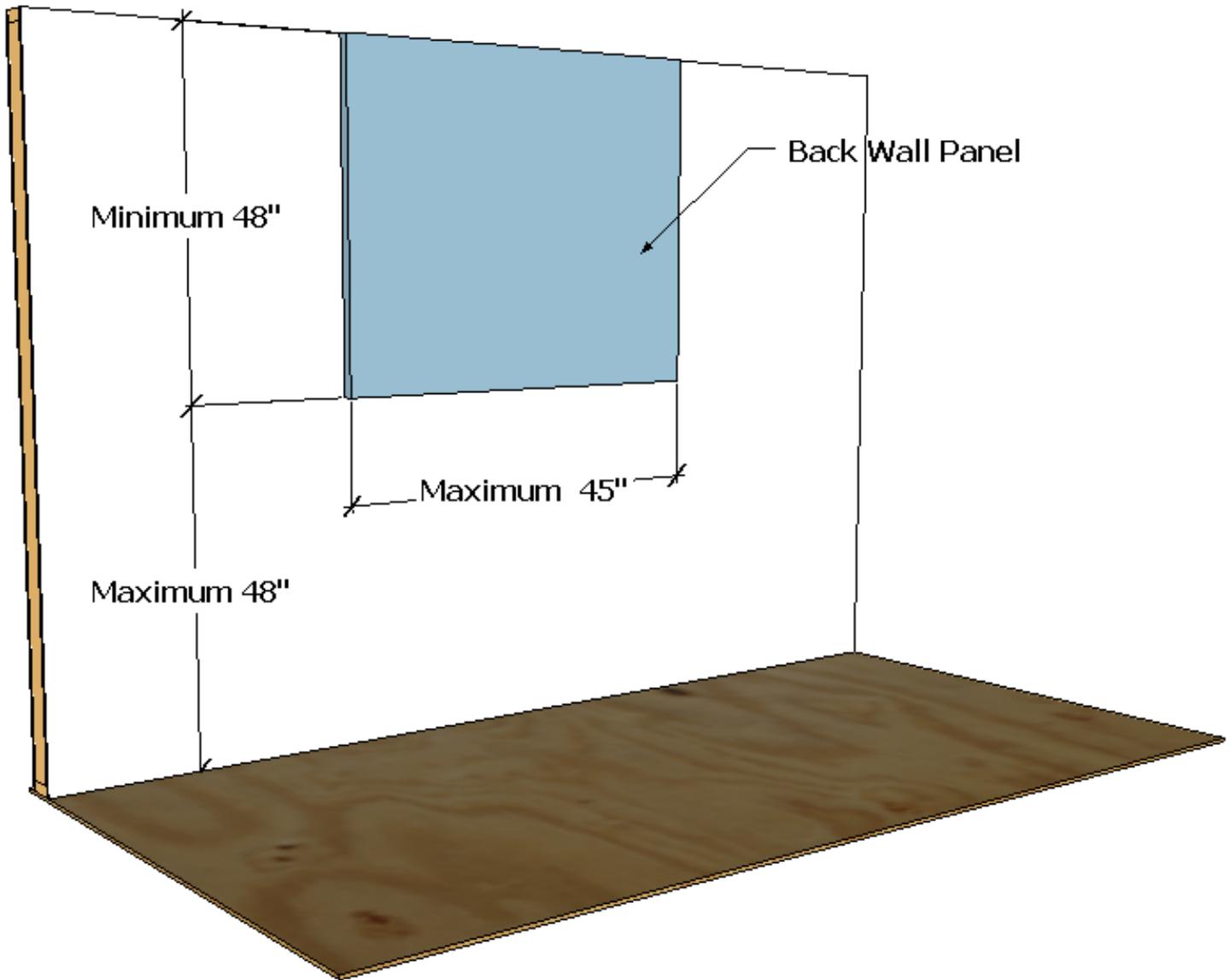
to suit

Step 5b - Install metal studs on backside of panel



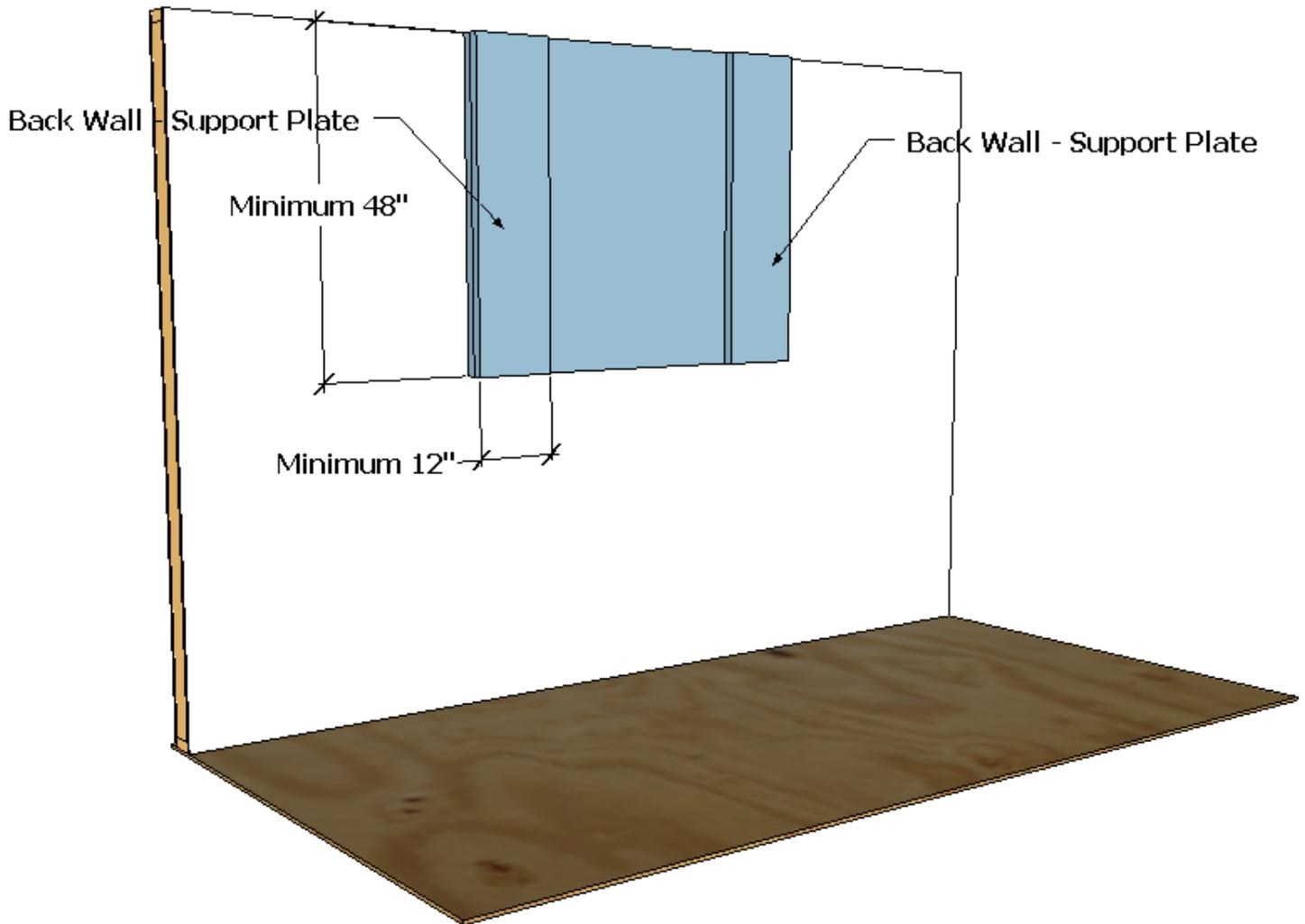
**Install 5/16" dia x 2-1/2" bolt
5/16" Fender Washer & Nut
x4**

Step 5c- Install Fasteners



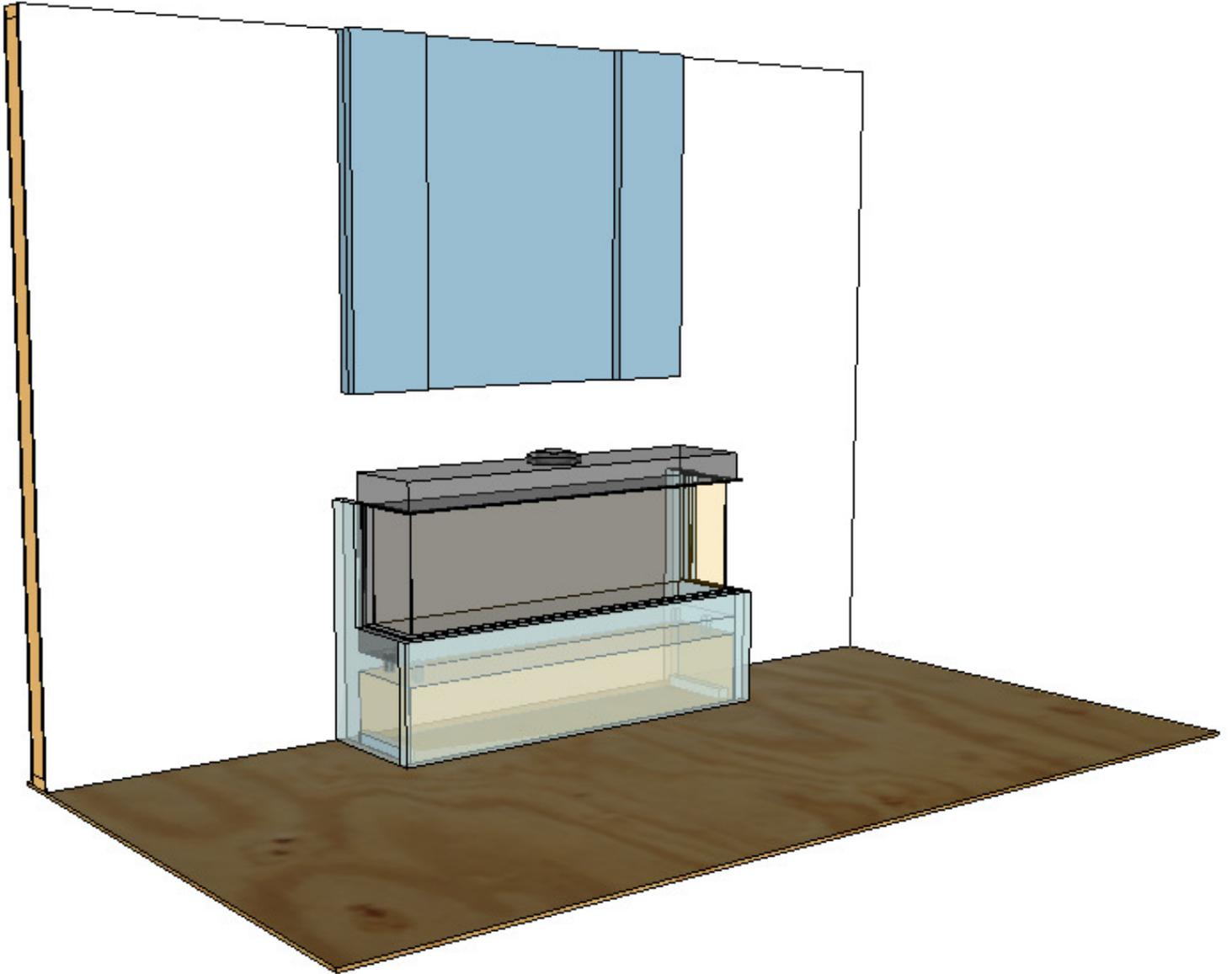
Step 1 – Install Back Wall Panel

- Position Back Wall Panel directly to wall & level
- Moisten SKAMOTEC 225 surface, then apply construction adhesive
- Fastened using 2-1/2" construction screws
- Maintain a fastener spacing of 8"
- Where possible locate & fasten to existing wood or steel studs

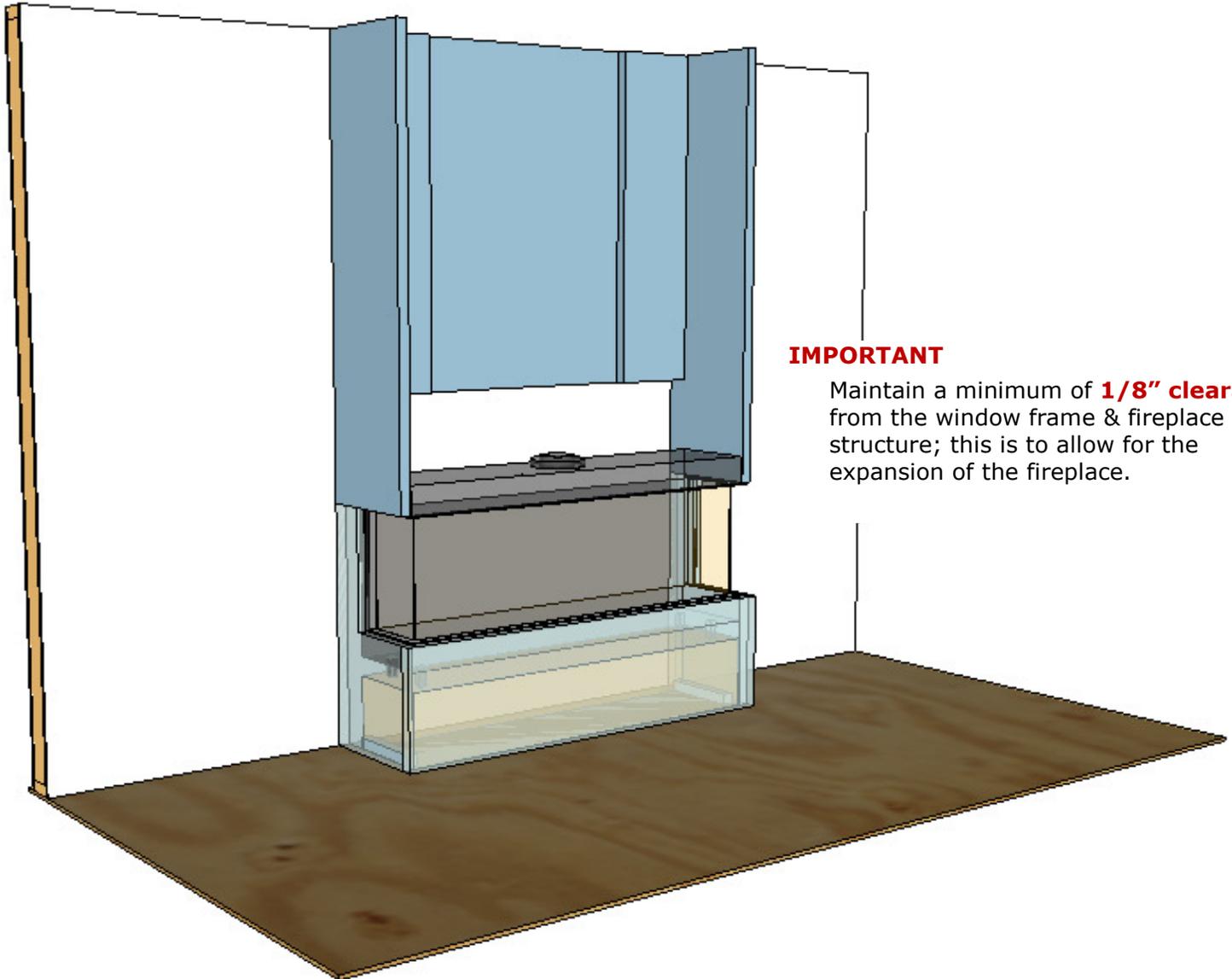


Step 2 – Install Back Wall Support Plate to Back Wall

- Position Back Wall Support Plate panel directly to Back Wall
- Moisten SKAMOTEC 225 surface, then apply construction adhesive
- Fastened using 2-1/2" construction screws
- Maintain a fastener spacing of 8"

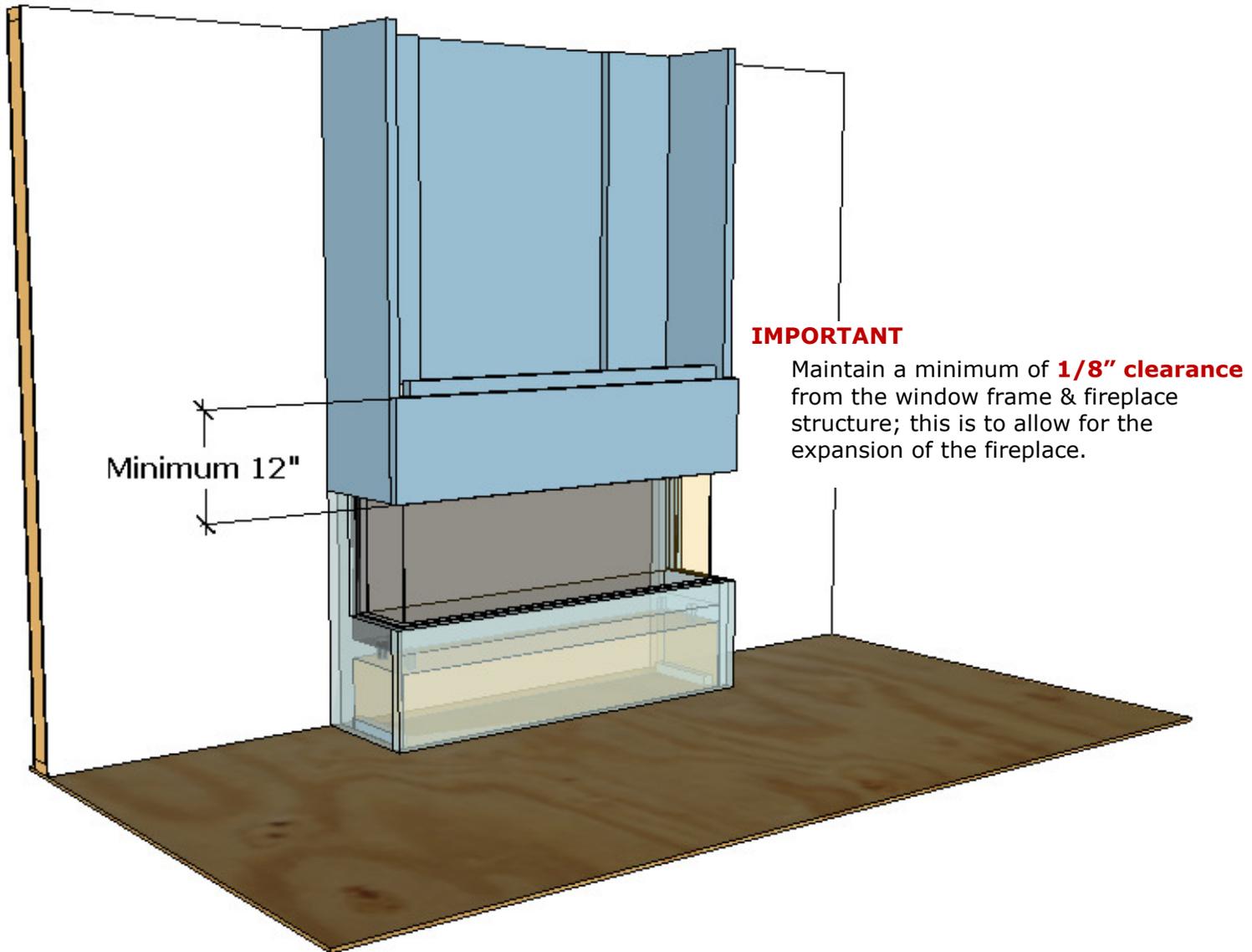


Step 3 – Install Fireplace & Bottom Skamotec Enclosure



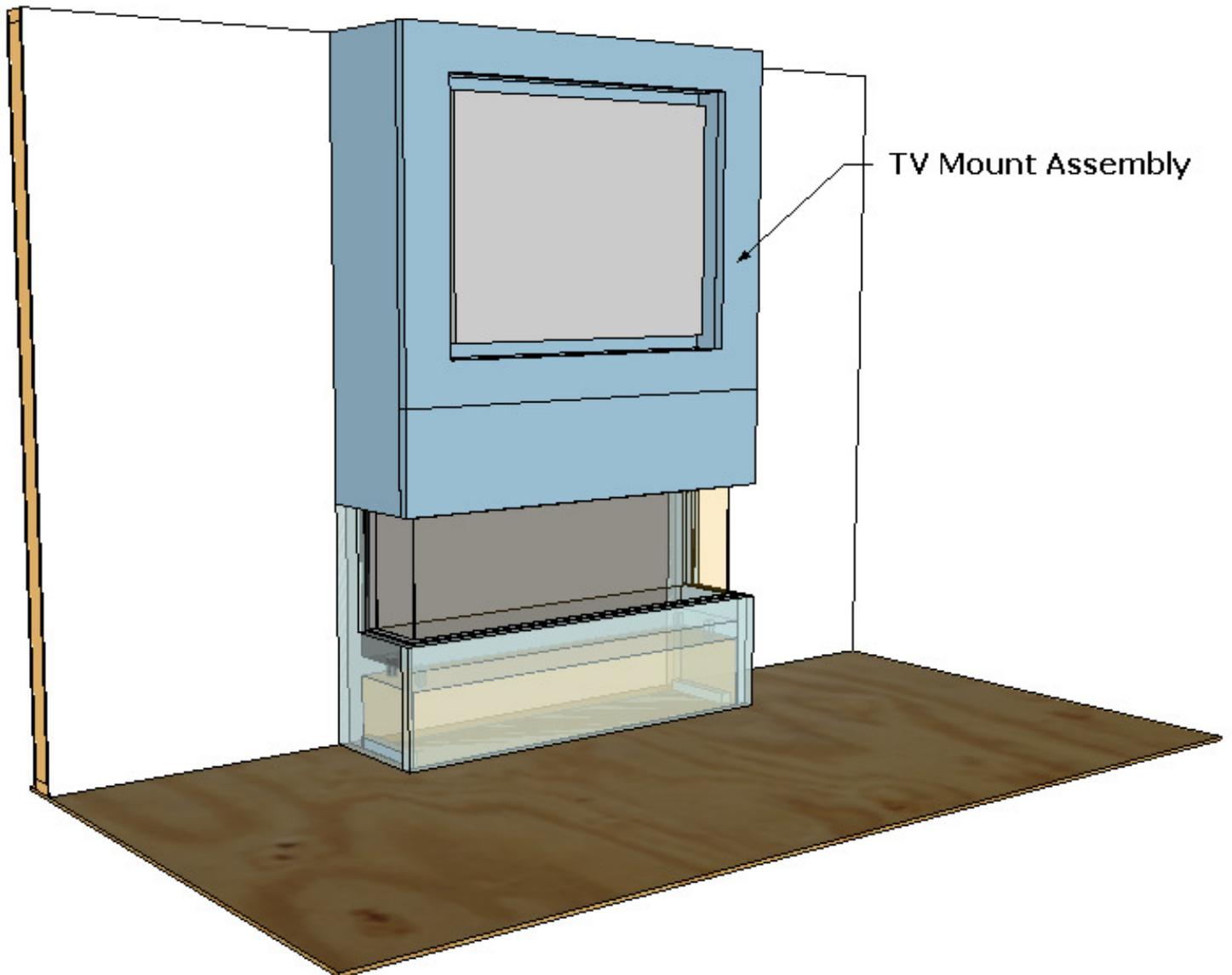
Step 4 – Install LH & RH – Top Side Panels

- Position Side Panel directly to edge of Back Wall & Support Plate
- Moisten SKAMOTEC 225 surfaces, then apply construction adhesive
- Fastened using 2-1/2" construction screws
- Maintain a fastener spacing of 6" – 8"



Step 5 – Install Bottom Top Panel & Joint Plate

- Position Bottom Front Panel directly to Side Walls
- Moisten SKAMOTEC 225 surfaces, then apply construction adhesive
- Fastened using 2-1/2" construction screws
- Maintain a fastener spacing of 6" – 8"



Step 6 – Install TV Mounting Assembly

- Position TV Mounting Assembly to Side Walls & top edge of Bottom Top Panel
- Moisten SKAMOTEC 225 surfaces, then apply construction adhesive
- Fastened using 2-1/2" construction screws
- Maintain a fastener spacing of 6" – 8"