

STONE FIREPLACE KIT, LLC

Your source for an effective custom stone fireplace solution.

INSTRUCTION MANUAL

DIY Guide
for the
Do-it-Yourselfers
and the
Professionals



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SFK-2

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Standard vs. Custom Kits

The installation instructions provided in this manual are for standard fireplace kits. Please note, the installation principals provided apply to custom order fireplace kits as well. If there are any questions regarding a standard *or* custom fireplace kit installation please reference the Contact Information on page SFK-33.



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WARNINGS & INFORMATION



ATTENTION: Please read this page carefully.

Safety is important!

READ AND REVIEW THE ENTIRE INSTRUCTION MANUAL CAREFULLY BEFORE BEGINNING THIS PROJECT.

Gas and Gas Line

This project requires a gas line to install the vent-free gas log firebox.

For safety and insurance purposes please get your local gas or propane company to run and install the gas line.

Need for Electricity

The blower fan for the fireplace insert requires electricity. When finding a suitable installation location placement over or very near an electrical outlet is crucial. Otherwise, the services of an electrician will be needed.

Installation by Do-it-Yourselfers

Stone Fireplace Kit, LLC makes the assumption that the Do-it-Yourselfer has the knowledge and understanding to remove carpet, carpet padding, floor molding, as well as other basic tasks. If you do not feel comfortable or have the ability to accomplish these tasks please hire or seek the guidance of a professional.

Recommended Tools needed for this project include:

Power Drill (corded)
Nut driver bit
Chalkline
Tape measure
Utility knife or Carbide-tipped Knife
Short scaffold (3 to 4 feet tall)*

Handling Durock® cement board

A mask and gloves should be used when scoring and handling the Durock®.

Stone work

The Stone Fireplace Kit, LLC **does not** provide the stone, grout, or labor to finish this project. We strongly recommend you consult with a stone mason in your area to get this aspect of the project done correctly and to your specifications.

**A taller scaffold may be needed if you are ordering a stone fireplace kit for a ceiling height that exceeds eight (8) feet.*



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KIT CONTENTS

- A. Base Unit
- B. Firebox Unit
- C. Ceiling Unit (top)
- D. 2nd Ceiling Unit (top) - optional*

**For taller ceilings where an additional Ceiling Unit is needed your kit may include a second Ceiling Unit ONLY if it was a part of your order.*

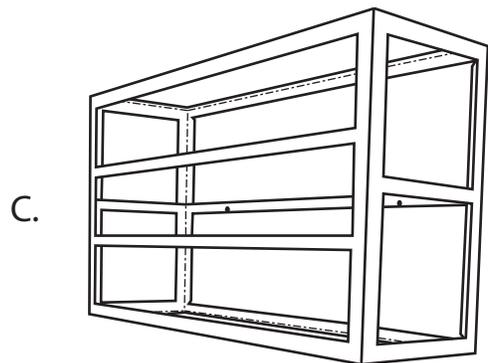
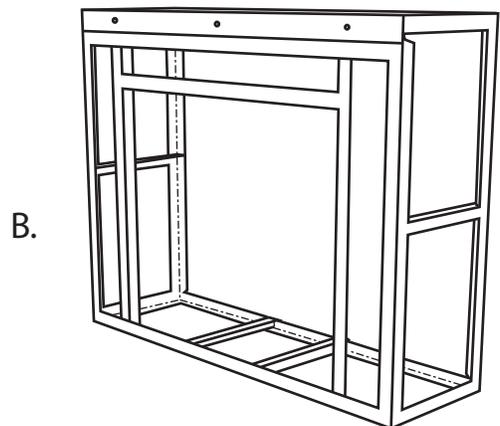
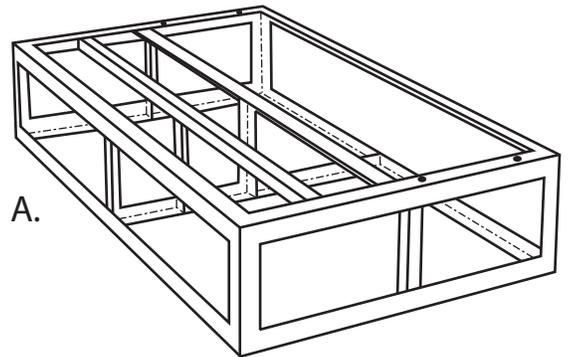
ADDITIONAL KIT ITEMS

For Frame Assembly:

- 1. Eight (8) frame bolts
- 2. Eight (8) nuts (for frame bolts)
- 3. Sixteen (16) lock washers (for frame bolts and nuts)
- 4. Two (2) bolts
- 5. Two (2) flatwashers
- 6. Two (2) lock washers
- 7. Two (2) corrugated straps

For Project Finishing:

- 1. One (1) Pearl Mantle
- 2. One (1) Majestic zero-clearance 32" firebox
- 3. One (1) Set of Majestic 20" aged hickory or oak gas logs
- 4. One (1) blower fan
- 5. Two hundred fifty (250) self-tapping screws
- 6. Fifty dollar (\$50) gift card for purchase of Durock® cement board or OSB and wire lathing
- 7. Diagrams for panel marking and cutting





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GAS LINE INSTALLATION



ATTENTION: Please read this page carefully.

It is important *BEFORE* starting the project that a suitable location be found for the Stone Fireplace Kit to be installed.

1. Find a suitable interior location that you want to have the Stone Fireplace Kit installed.



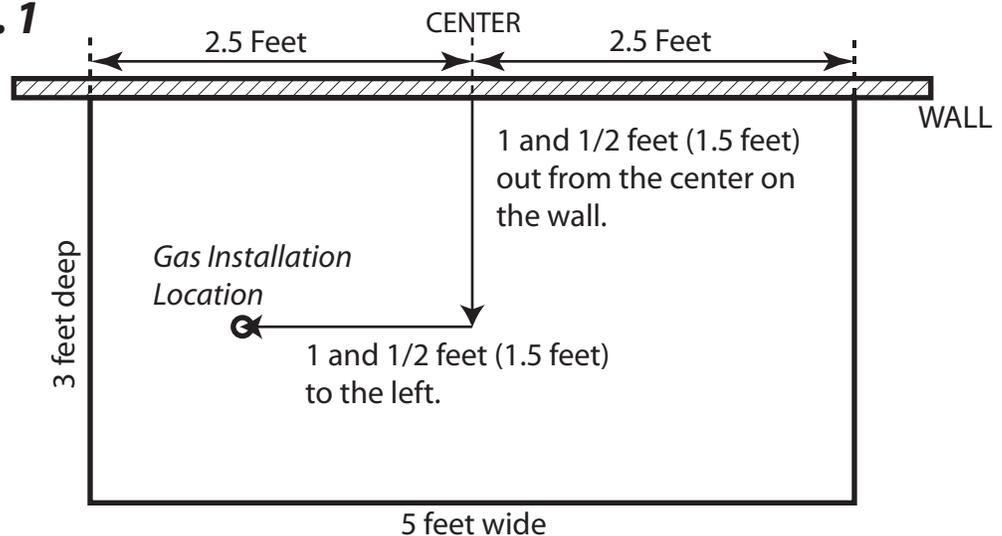
IMPORTANT: It is highly recommend that the SFK kit is placed near an outlet (inside the kit space or very near the outside of the kit space) to allow the blower fan to be hooked up. Otherwise an electrician may be needed to run electricity to the blower fan.

2. Mark off where you want to install the Stone Fireplace Kit:
 - Assuming the standard kit of 5 feet wide and 3 feet deep is being used.
3. Once you have the 5 foot by 3 foot location measured off you need to determine the location the gas/propane line will need to be installed and run into your home.
 - **See Fig. 1:** Measure 2 and 1/2 feet (2.5 feet) from either side of the installation location then measure 1 and 1/2 feet (1.5 feet) out from the wall and then from that spot measure 1 and 1/2 feet (1.5 feet) to the left. This is where the gas line should be installed to ensure it can be successfully attached to the vent-free gas firebox.
4. **Contact a local gas/propane company to complete the gas/propane line installation.**



IMPORTANT: It is highly recommend that you seek professional help from a local natural gas or propane company with the running and installation of the gas/propane line into your home.

FIG. 1



NOTE:

If you special ordered a stone fireplace kit with area dimensions different from that of the standard 5 foot by 3 foot your gas setup **may** be different. Consult your local gas company.



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SFK-6

PROJECT AREA PREPARATION

Preparing the Install Area

Once your Stone Fireplace Kit arrives you will be ready to begin the installation process by preparing the area.

See Fig. 2

1. Remove the floor molding from the five foot (5') wide area **PLUS two and one half inches (2.5")** extra of the wall where the SFK frame will be installed to provide room for stone installation.
2. Remove the carpet, carpet padding, and any tackless strips from the sub-floor in the five foot by three foot (5' x 3') SFK frame area allowing two and one half inches (2.5") extra all around the SFK frame area.
3. If you have crown molding the removal area and process is similar to that of the floor molding - allowing two and one half inches (2.5") extra for stone facing.

Advisement: If you have selected a thicker stone, adjust your measurements. Removal of up to four (4) inches of carpet, carpet padding, floor and crown molding may be required depending on the stone selected - consult a mason if needed.



IMPORTANT: Be extra careful of the gas/propane line while removing carpet, carpet padding, and tackless strips from the subfloor.

FIG. 2

Two and one half Inches (2.5") extra of carpet removed from all around frame area to allow for stone facing. Up to four (4) inches may be needed if you choose a thicker stone

Floor Molding
Gas line

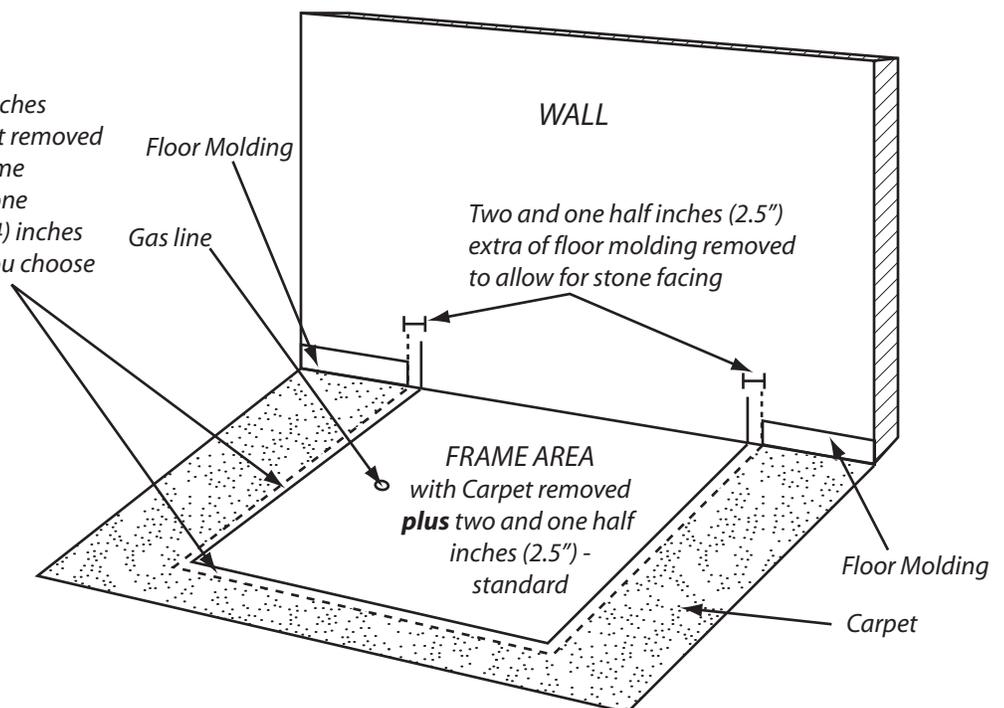
Two and one half inches (2.5") extra of floor molding removed to allow for stone facing

FRAME AREA
with Carpet removed
plus two and one half inches (2.5") - standard

Floor Molding
Carpet

NOTE:

If you special ordered a stone fireplace kit with area dimensions different from the standard 5 foot by 3 foot your preparation area **will** be different.





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CUTTING DIAGRAM

Scoring and Cutting Durock®

Use the gift card supplied to purchase five (5) panels of 1/2" thick, 5' x 3' Durock® cement backer board to cover the Stone Fireplace Kit. *Only 1/2 inch thick Durock® cement board should be used for vertical stone work, any thinner will sacrifice structural integrity.*

Please READ the Cutting Diagram information carefully before beginning to ensure Durock® is not wasted.



IMPORTANT: Use a mask and gloves when handling and scoring the Durock®.

Tools and Safety Items Needed

Mask & Gloves

Chalk line

Tape Measure

Utility Knife or Carbide-tipped Knife

Scoring Instructions:

1. Score and separate all Durock® panels prior to attaching them to frame units.
2. Measure each piece according to the Cutting Diagrams given in **Fig. 3**
3. Use the chalk line to snap a straight line on each of the Durock® panels to provide a guide for scoring the Durock® with the knife.
4. Score and snap each section individually. **See Fig. 4**
5. Lay down the Durock® panel and using the knife slowly score it following the chalk line.
6. Several passes with the knife may be needed to ensure cuts deep enough to adequately snap the panel section.
7. Apply pressure to the backside of the Durock®, behind the cut mark and **gently** begin to apply pressure pulling until the scored section begins to break away.
8. Score the back fold with the knife several times to adequately separate panel.
Do not try to tear the Durock® away by hand.
9. Continue scoring and snapping according to Cutting Diagrams
10. Label each section with the corresponding panel # and/or panel name as it is scored and separated to ensure ease of attachment to the SFK frame units.

The following pages provide the dimensions and corresponding diagram of each cut panel of Durock®.

****Before each score/cut please reference the dimensions and diagrams to ensure exact measurements.**



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CUTTING DIAGRAM

Scoring and Cutting Dimensions

Reference **Fig. 3** as a guide for scoring and cutting all five (5) Durock® sheets that correspond with the panel dimensions given below:

Base Unit

- #1 60" W x 12" H - Base Unit Front Panel
- #2 60" W x 16" D - Base Unit Top Panel
- #3 34" W x 12" H - Base Unit Side Panels (2 count)

Firebox Unit

- #4 60" W x 11" H - Firebox Unit Under-Mantle Face Panel
- #5 11" W x 37" H - Firebox Unit Side Face Panels (2 count)
- #6 18" W x 48" H - Firebox Unit Side Panels (2 count)

Top Unit

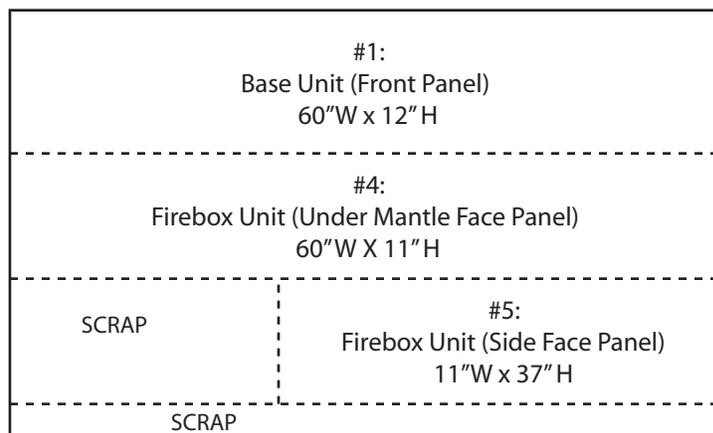
- #7 5' W x 3' H - Top Unit Face Panel (1 full sheet of Durock®)
- #8 18" W x 36" H - Top Unit Side Panels (2 count)

** There will be scraps left over from scoring and snapping the Durock® panels. **



IMPORTANT: Each Durock panel in Fig. 3 gives numbers that correspond to the list given above as reference to which SFK Unit they should be applied.

FIG. 3*



Sheet 1

*Fig. 3 is continued on the following page.



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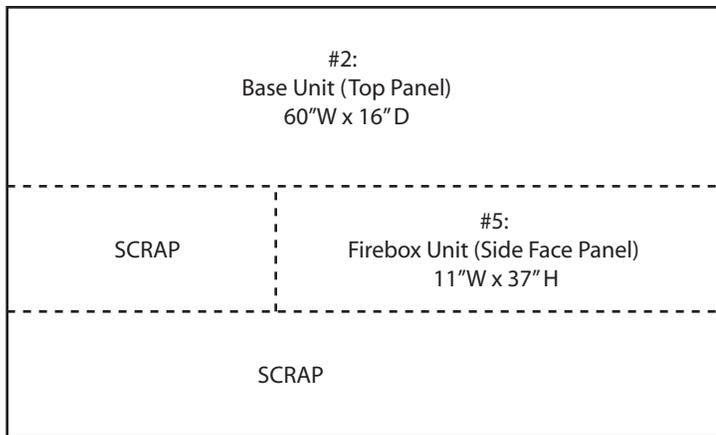
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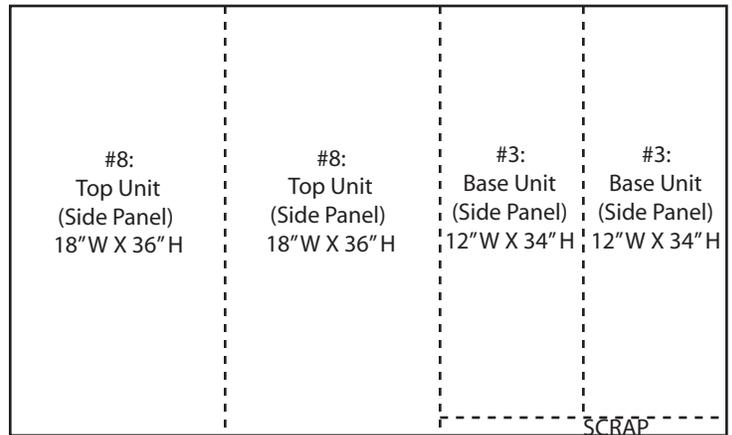
CUTTING DIAGRAM

Fig. 3 - Continued

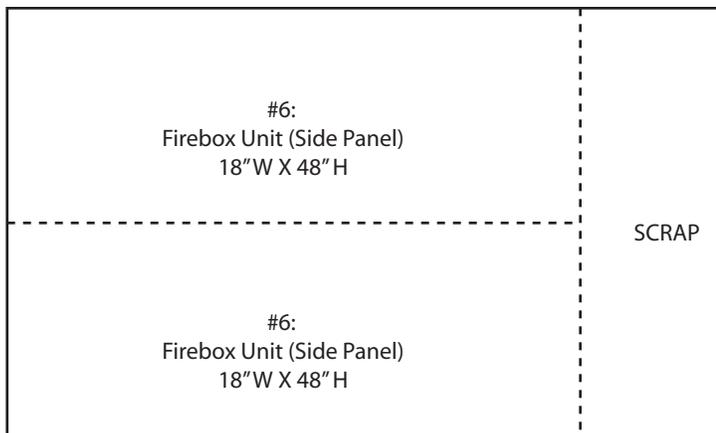
FIG. 3



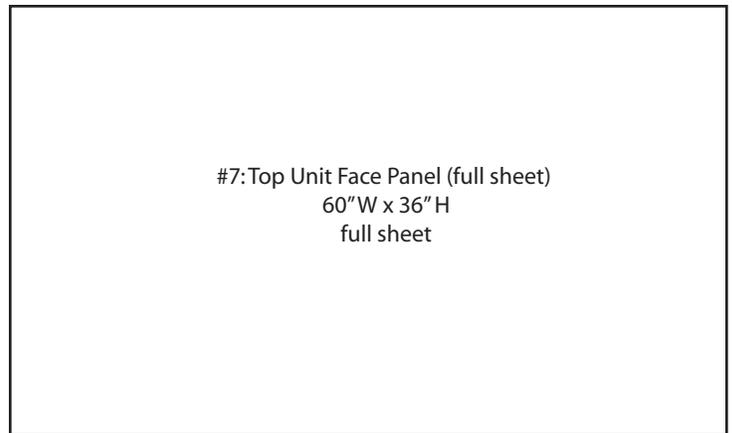
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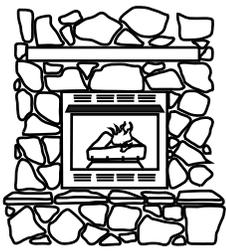
Sheet 3



Sheet 4



Sheet 5



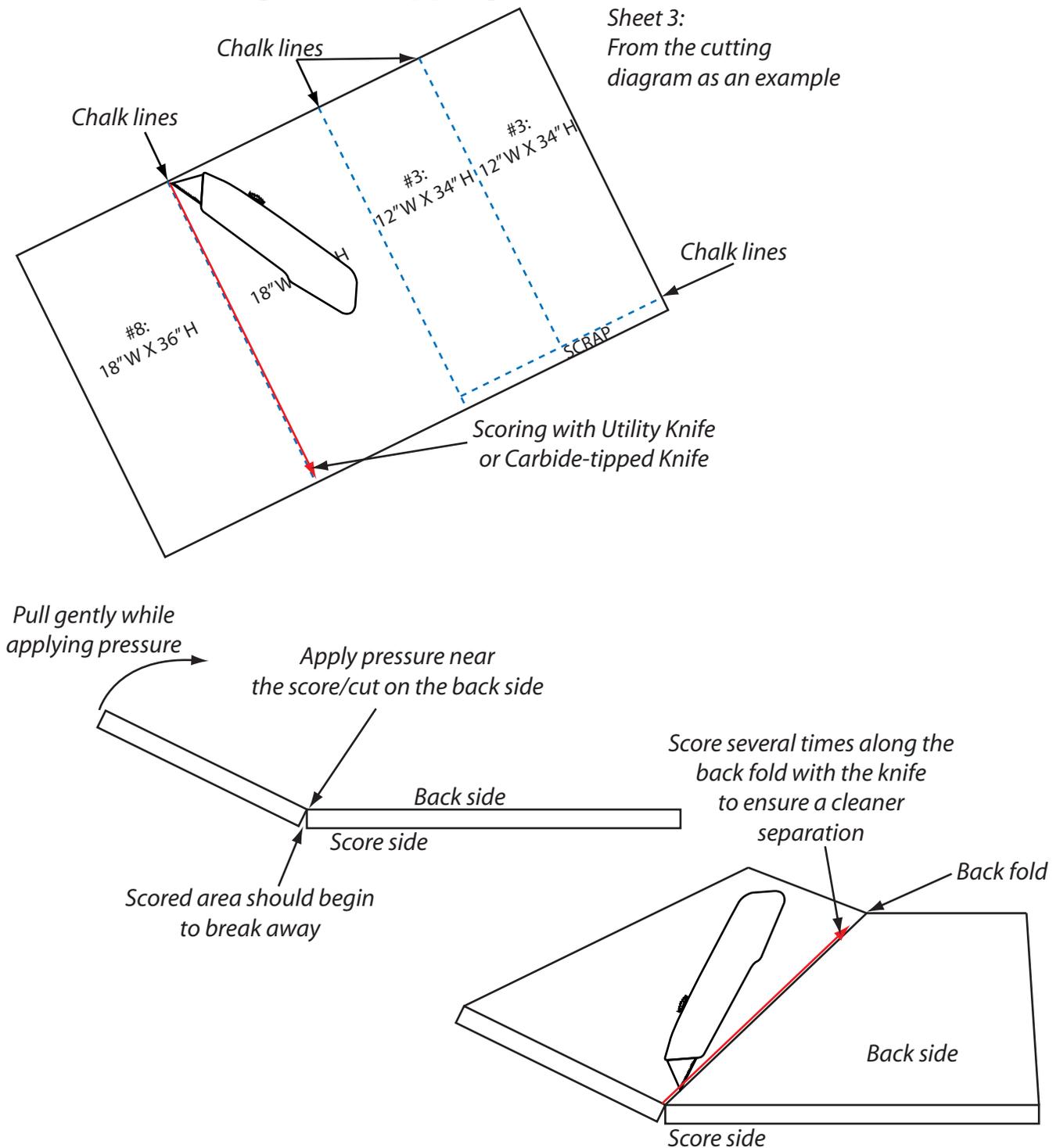
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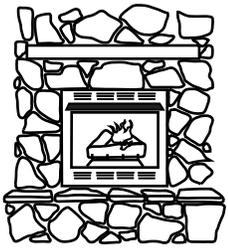
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SFK-10

CUTTING DIAGRAM

FIG. 4 - Scoring and snapping





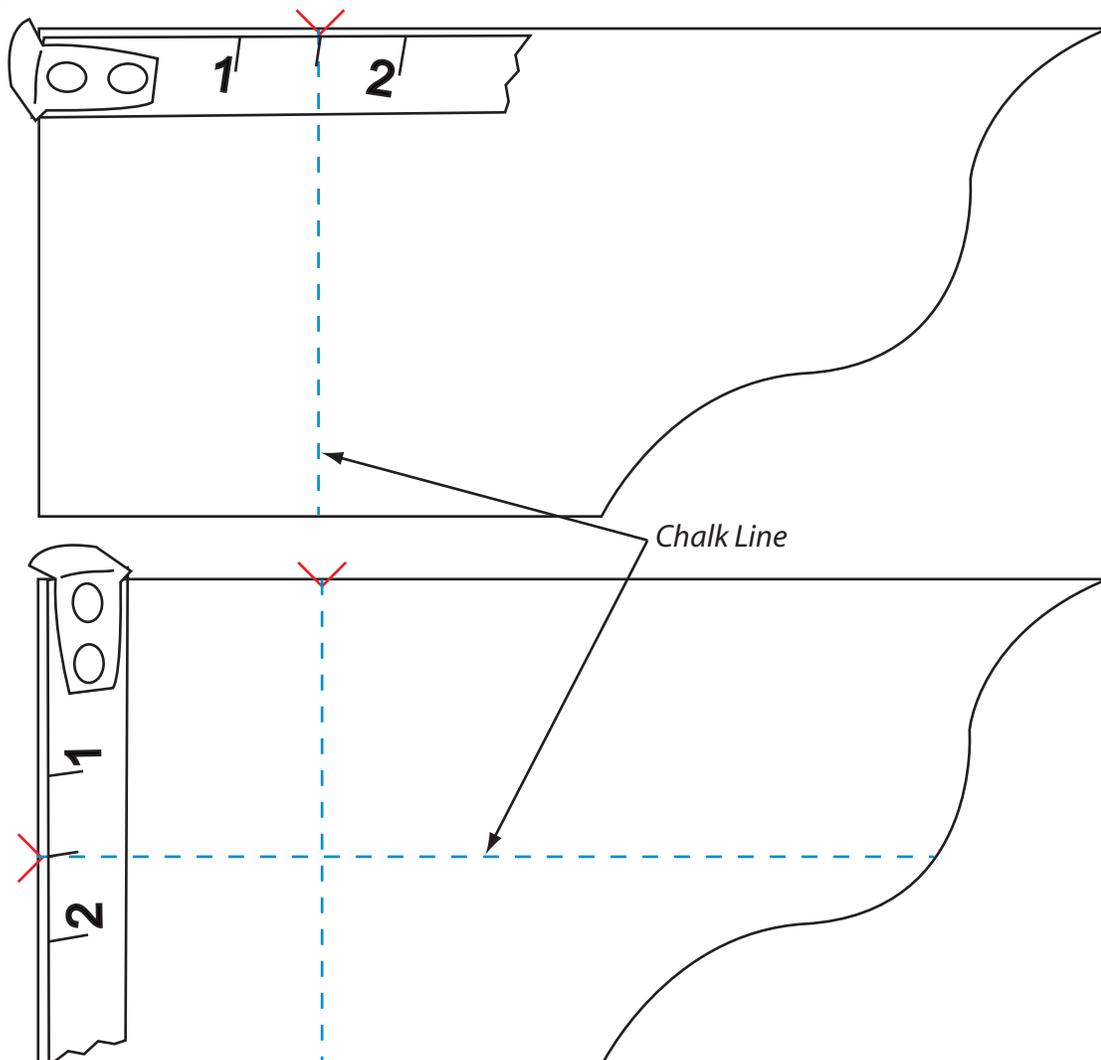
FRAME INSTALLATION - Base Unit

Apply Durock® to the Base Unit

Before proceeding, be sure the Durock® panels are already scored/cut according to the Cutting Diagram on page SFK-7.

1. Slide the SFK Base Unit away from the wall leaving enough room to safely work from the wall side of the unit.
2. For each Durock® panel (**see Fig. 5**):
 - a. Measure 1 and 1/2 inches (1.5 inches) from each corner edge
 - b. Snap a chalk line along these marks

FIG. 5





FRAME INSTALLATION - Base Unit

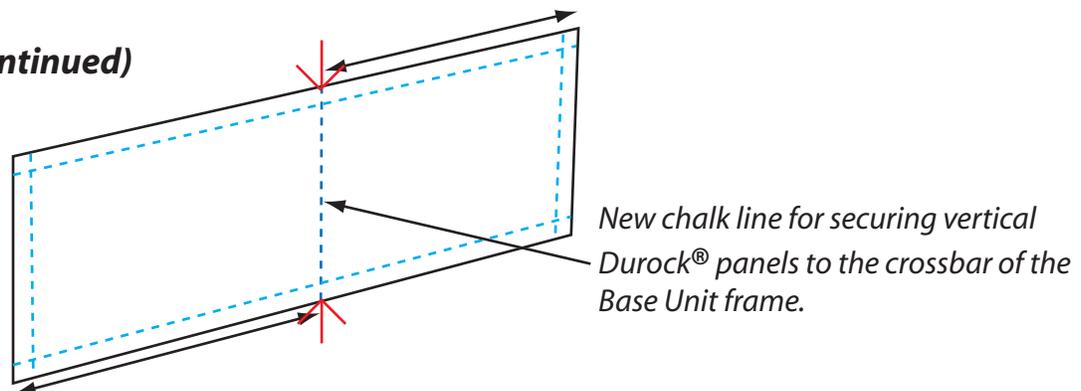
Apply Durock® to the Base Unit

For the Front and two Side panels of the Base Unit follow steps 3 through 9. This is due to the frame crossbars to which the Durock® panels should be secured.

See **Fig. 5 (continued)**

3. Measure 1/2 the length of each of the three (3) vertical panels (Front and both Sides) of Base Unit Durock® and snap a chalk line.

FIG. 5 (continued)



See **Fig. 6 (next page)**

4. Measure 2 inches from the edges along the chalk lines at each corner.
5. Make marks for screw holes at the 2 inch measurements.
6. Do this for all corners and edges of each Durock® panel.

See **Fig. 7 (next page)**

7. Start in one corner and measure along the length (horizontal) sides every 7 inches from the first screw mark along the chalk line.
8. At each 7 inch interval along the chalk line make a mark for the next screw.
9. For the vertical sides and the center crossbar, measure half (1/2) the distance from each edge and place a screw mark.



FRAME INSTALLATION - Base Unit

Apply Durock® to the Base Unit

FIG. 6

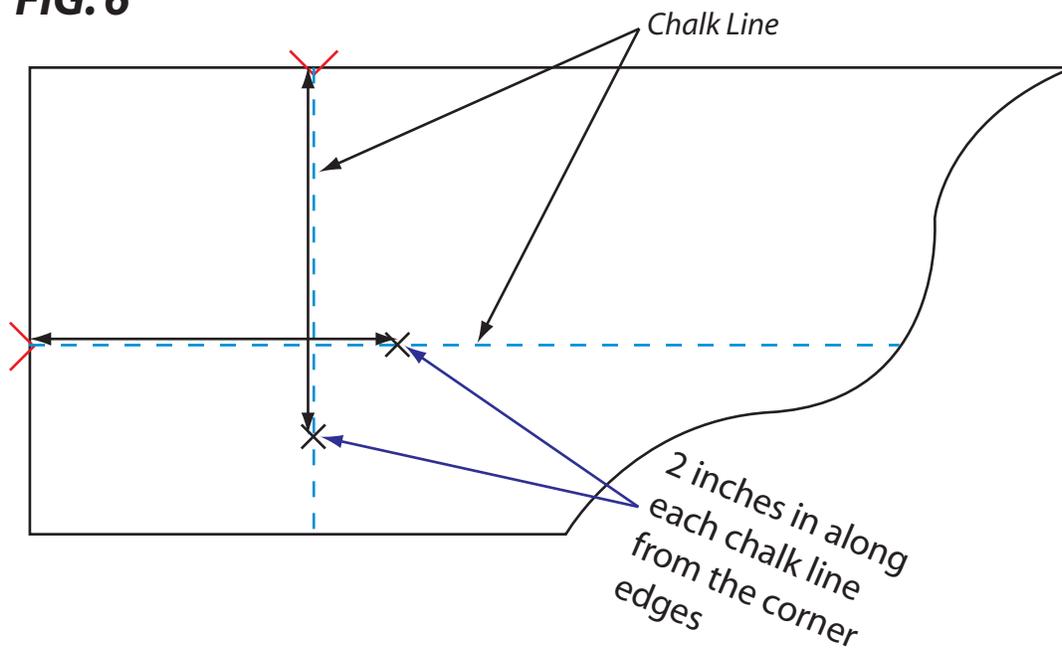


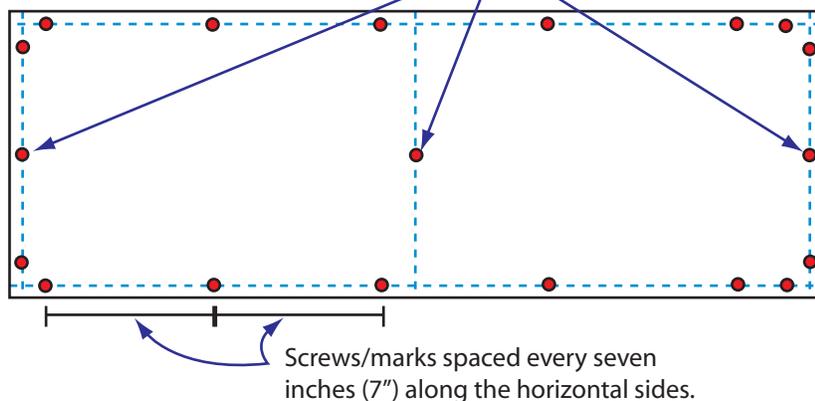
FIG. 7

SFK Base Unit Side Panel
34" W x 12" H

with screw/mark placement **prior**
to driving any screws into the
Durock/SFK base unit frame

● Location of each screw mark

One screw mark at center of vertical chalk lines to secure
Durock® panel to the frame vertical edges and crossbar.





FRAME INSTALLATION - Base Unit

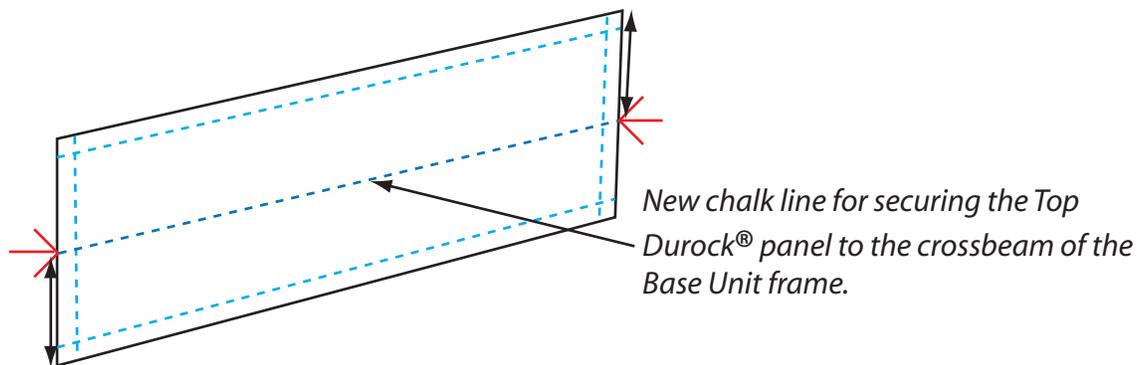
Apply Durock® to the Base Unit

For the Top panel of the Base Unit follow steps 10 through 17. This is due to the frame crossbeam to which the Durock® panels should be secured.

See Fig. 8

10. Measure half (1/2) the height of the Top panel of Base Unit Durock® and snap a chalk line.

FIG. 8



The following steps are almost identical to measuring and marking the initial screw holes for the previous Front and Side panels. (reference Fig. 6)

11. Measure 2 inches from the edges along the chalk lines at each corner edge.
12. Make marks for screw holes at the 2 inch measurement.
13. Do this for all corner edges of each Durock® panel.

See Fig. 9 (next page)

14. Start in one corner and measure along the length (horizontal) sides every 7 inches from the first screw mark along the chalk line.
15. At each 7 inch interval along the chalk line make a mark for the next screw.
16. For the depth sides, measure four (4) inches from one depth edge screw marks along chalk line and place a screw mark. (to avoid welding of crossbeam)
17. For the crossbeam, measure four (4) inches from the edge along the chalk line for the first screw mark and then every seven (7) inches from the first along the chalk line to secure the Top panel to the crossbeam.

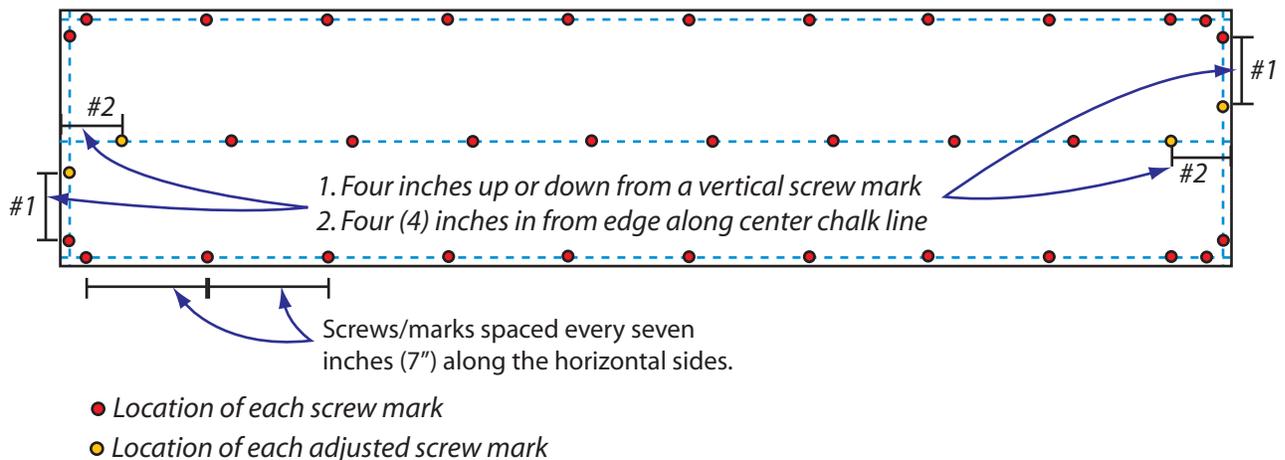


FRAME INSTALLATION - Base Unit

Base Unit: Apply Durock®

FIG. 9

SFK Base Unit Top Panel
60" W x 16" H
with screw/mark placement **prior**
to driving any screws into the
Durock/SFK base unit frame



At this point, ALL of the Base Unit Panels (Front, two Sides, and Top) should be chalk lined with screw holes marked.



IMPORTANT: Do not apply too much force when driving the self-tapping screws into the Durock®, due to its fragile nature too much force may cause it to crack or break.

Attach each panel to the SFK Base Unit

18. Hold each panel tight and flush (get someone to assist if necessary)
19. While each panel is flush, select a corner and screw mark; then using steady even pressure, carefully drive a self-tapping screw through the Durock® panel and into the Base Unit frame.
20. Secure all corners, while ensuring the Durock® panel edges are flush with the Base Unit frame.
21. Continue carefully driving the self-tapping screws into the screw marks along the chalk lines until ALL panels are attached to the SFK Base Unit.



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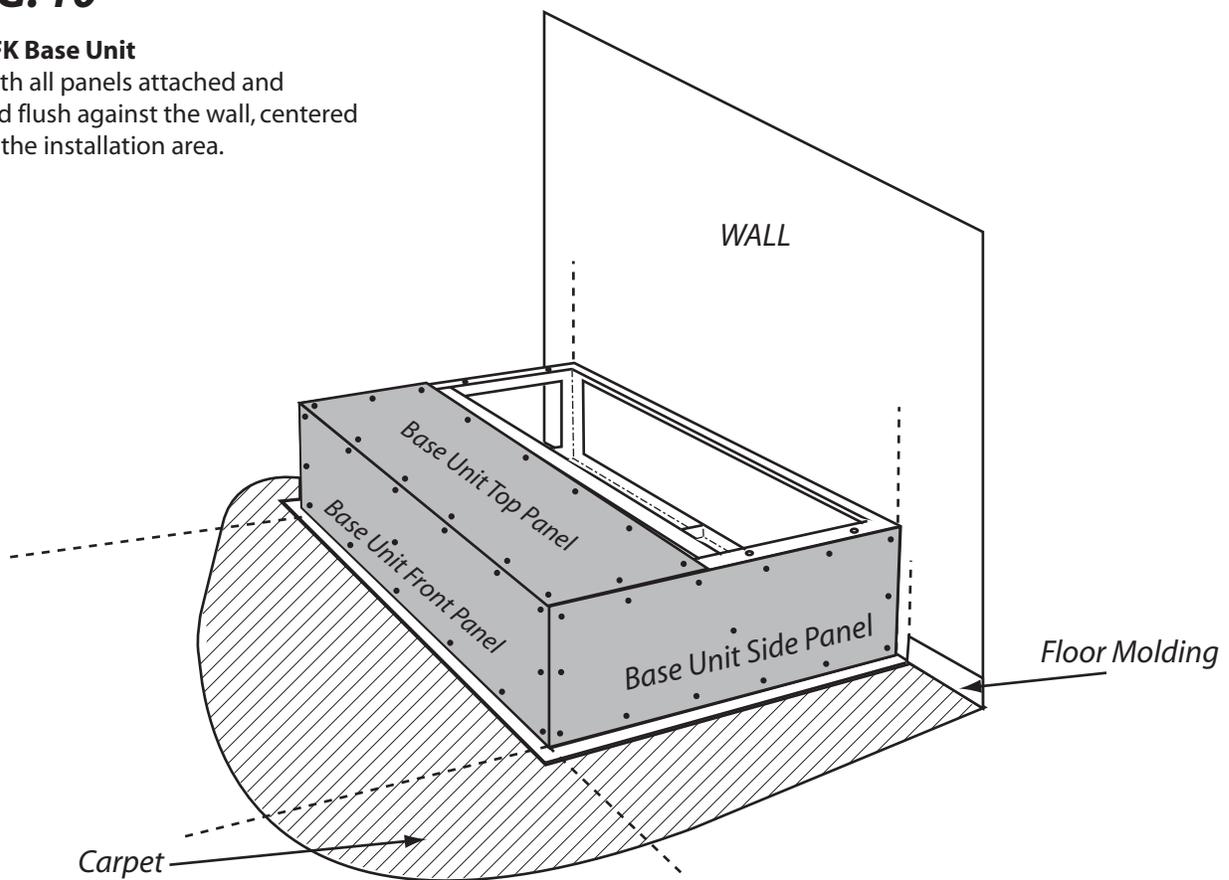
FRAME INSTALLATION - Base Unit

Base Unit - final step

22. Once ALL panels are attached to the SFK Base Unit, slide the Base Unit back to the wall, centered in the installation area. **Fig. 10** - provides an approximate view.

FIG. 10

SFK Base Unit
with all panels attached and
slid flush against the wall,
centered in the installation area.





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SFK-17

FRAME INSTALLATION - Firebox Unit

Firebox Unit: Wall Studs and Durock®

Find the Wall Studs

Before working with the Durock® and Firebox Unit accomplish the following if not already done so:

1. Use a stud finder to locate and mark the wall studs that are within the five (5) foot wide installation area.
2. Make several vertical marks at approximate eye level and then one (1) foot above and below the eye level marks.
3. The wall studs may not be centered in the five (5) foot wide installation area.

Apply Durock to the Firebox

In the next steps, the front panels of Durock® should be applied to the Firebox Unit and the side panels should *NOT* be attached to aid in the installation process.

Panels to be attached:

60" W x 11" H - Firebox Unit Under-Mantle Face Panel

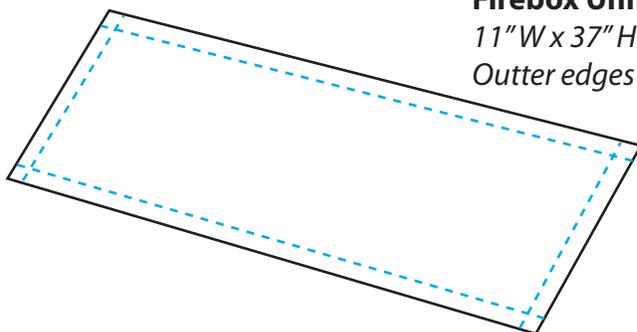
11" W x 37" H - Firebox Unit Side Face Panels (2 count)

See Fig. 11 (this page and next)

1. For each Durock® panel (**Fig. 11** & reference **Fig. 5** if needed):
 - a. Measure 1 and 1/2 inches (1.5 inches) from each corner edge
 - b. Snap a chalk line along these marks
 - c. For the Under-Mantle panel measure in nine and one half (9.5) inches from each edge and snap a chalk line for the vertical crossbars

Note: The Firebox Front Side Panels do not have crossbars/beams and only the outer edge of the panels should be chalked.

FIG. 11



Firebox Unit Side Face Panel (2 count)

11" W x 37" H

Outer edges chalked and ready to measure out screw holes.



FRAME INSTALLATION - Firebox Unit

Firebox Unit: Applying Durock®

FIG. 11 (continued)

Firebox Unit Under-Mantle Face Panel

60" W x 11" H

Outer edges + vertical cross bars chalked and ready to measure out screw holes.



** Measure nine and a half inches (9.5") from each edge and snap a vertical chalk lines.

See Fig. 12 (next page)

Begin measuring the screw hole placement for all three Firebox Unit panels.

Under-Mantle Panel

2. Decide which end (length-wise) will be the top, under the mantle as the bottom portion will not have continuous frame to which it can be attached.
2. On the top edge, measure two (2) inches from the edges along the chalk lines.
3. Make marks for screw holes at the two (2) inch measurement.
4. Do this for only the top corners of the Under-Mantle panel.
5. As before, start in one of the top corners and measure out every seven (7) inches from the corner screw mark.
6. For the bottom edge, measure two (2) inches vertically from each bottom edge and make a screw mark.
7. Along the bottom, measure in thirteen (13) inches from each bottom edge and make a screw mark.
8. From the marks in #7 (above) measure from each six (6) inches in and make a screw mark for each.

Side Face Panel (2 count)

9. Decide which end will be the bottom of the panels to be attached.
10. Measure 2 inches from the edges at what will be the bottom of the panels.
11. Do this for both bottom corners of the Side Face panels.
12. Start in both of the top corners come down five (5) inches make a mark.
13. Continue by measuring down from the top marks every seven (7) inches and mark off the screw locations.



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FRAME INSTALLATION - Firebox Unit

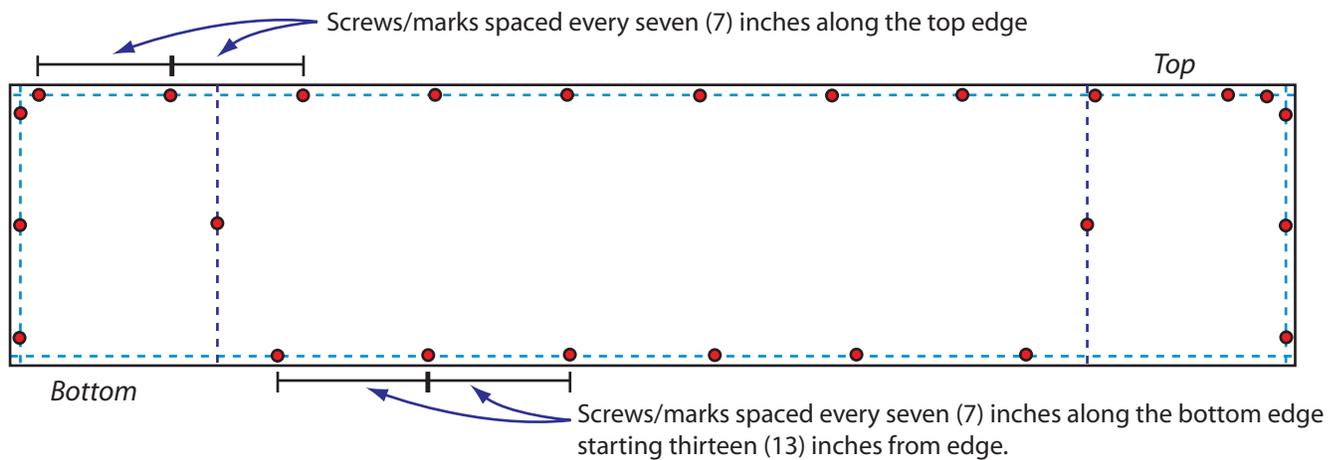
Firebox Unit: Applying Durock®

FIG. 12

Firebox Unit Under-Mantle Face Panel

60" W x 11" H

with screw/mark placement **prior** to driving any screws into the Durock/SFK firebox unit frame

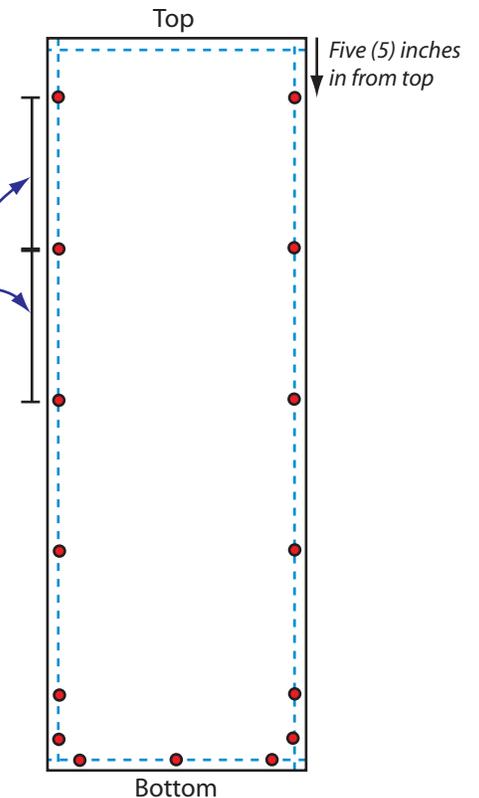


Firebox Unit Side Face Panel (2 count)

11" W x 37" H

with screw/mark placement prior to driving any screws into the Durock/SFK firebox unit frame.

Screws/marks spaced every seven (7) inches along the vertical sides starting from the TOP edge coming in four (4) inches.



● Location of each screw marks



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FRAME INSTALLATION - Firebox Unit

Firebox Unit: Applying Durock®

At this point, three (3) of the Firebox Unit panels (Front Under-Mantle panel & the two Front Side panels) should be chalk lined with screw holes marked.



IMPORTANT: Do not apply too much force when driving the self-tapping screws into the Durock®, due to its fragile nature too much force may cause it to crack or break.

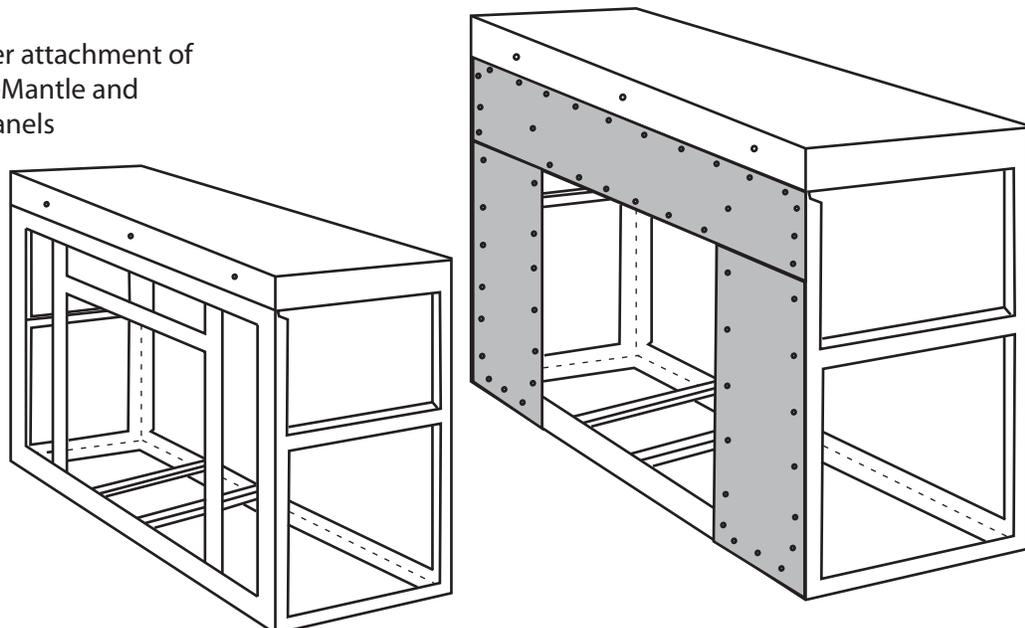
Begin attaching each panel to the SFK Firebox Unit

14. Hold each panel tight and flush (get someone to assist if necessary)
Also, consider laying the Firebox Unit down so the front/face is facing upward making panel application easier.
15. While each panel is flush, select a corner and screw mark; then using steady even pressure, carefully drive a self-tapping screw through the Durock® panel and into the Firebox Unit frame.
16. Secure all corners, while ensuring the Durock® panel edges are flush with the Firebox Unit frame.
17. Continue carefully driving the self-tapping screws into the screw marks along the chalk lines until all three of the face panels are attached to the SFK Firebox Unit.

FIG. 12

Firebox Unit

Before & After attachment of
Front Under-Mantle and
Front Side panels





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FRAME INSTALLATION - Firebox Unit

Firebox Unit: Attach to Base Unit

At this point, three (3) of the Firebox Unit panels (Front Under-Mantle panel & the two Front Side panels) should be attached to the Firebox Unit frame.



IMPORTANT: The next steps require heavy lifting. Seek the aid of another person if needed.

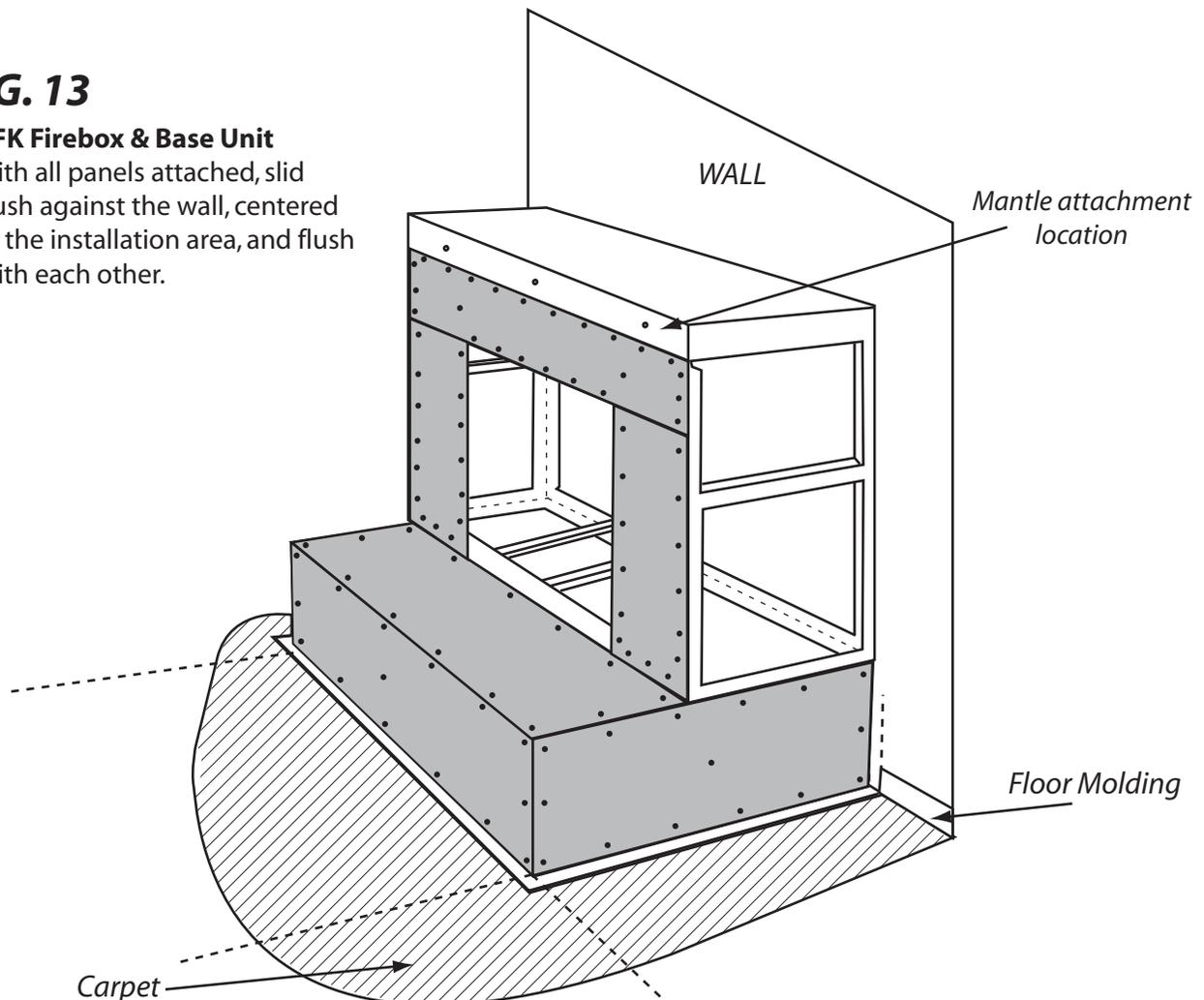
See Fig. 13

Placing the Firebox Unit onto the Base Unit

18. Lift the Firebox Unit up onto the Base Unit.
19. Slide it flush against the wall.
20. Make sure the Base Unit and Firebox Unit are flush with each other on both sides.

FIG. 13

SFK Firebox & Base Unit with all panels attached, slid flush against the wall, centered in the installation area, and flush with each other.





FRAME INSTALLATION - Firebox Unit

Firebox Unit: Attach to Base Unit

At this point, the Firebox Unit should be on top of the Base Unit - both flush against the wall and relatively flush with each other.

See Fig. 14

Attaching the Firebox Unit onto the Base Unit

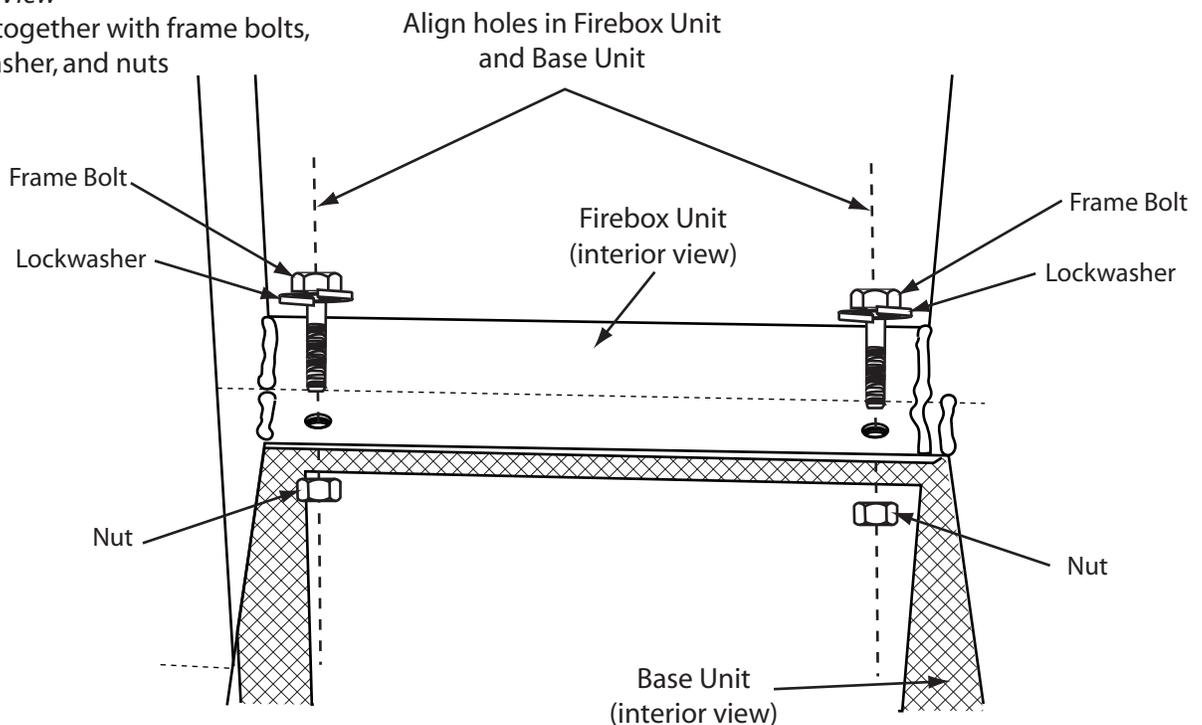
21. Check for frame flushness by looking in the inside of the Firebox Unit and making sure the bolt holes are aligned with the Base Unit.
If not, gently move the Firebox frame until the holes align with the Base frame.
22. Once the holes are aligned place the frame bolts with lock washers into the holes.
23. Loosely tighten the bolts with the frame nuts using fingers until it becomes difficult to tighten.
24. Tighten the frame nuts until firmly in place with a drill, ratchet or wrench.
Be careful not to over tighten, this could cause damage to the frame.

FIG. 14

SFK Firebox & Base Unit

Interior View

attach together with frame bolts, lock washer, and nuts





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SFK-23

FRAME INSTALLATION - Top Unit

Top Unit: Applying Durock®

At this point, the Firebox Unit should be on top of the Base Unit - both flush against the wall and relatively flush with each other. The side Durock® side panels for the Firebox Unit *should not be attached*.

See Fig. 15, next page

Measure, chalk line, and mark the Top Unit front/face panel to be attached.

1. Measure one and a half (1.5") inches from each corner edge and snap a chalk line along this measurement.
2. From one vertical edge, measure one (1) foot along each vertical edge and make marks horizontally.
3. Measure one (1) foot from the marks made above in #2, and make marks horizontally.
4. Snap a chalk line across the horizontal marks made in #2 and #3, above. These are the chalk lines for the crossbars of the Top Unit frame.
5. Measure two (2) inches from all four edges going in each direction. Place a mark at each of these, there should be eight (8) total.
6. Starting on one side of the Durock® sheet, moving horizontally from the edge, measure seven (7) inches from the first mark (at 2 inches) and continue measuring across every seven (7) inches and placing a mark at each measurement.
7. Do the same for the opposite edge of the Durock® sheet, starting on the same side measuring horizontally across.
8. For the crossbar chalk lines, measure seven (7) inches from the edge, make a mark and continue measuring 7 inches and making marks until the opposite side is reached.
9. For the vertical edges, measure along each vertical edge seven (7) inches from the corner screw marks down the edges.



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SFK-24

FRAME INSTALLATION - Top Unit

Top Unit: Applying Durock®

FIG. 15

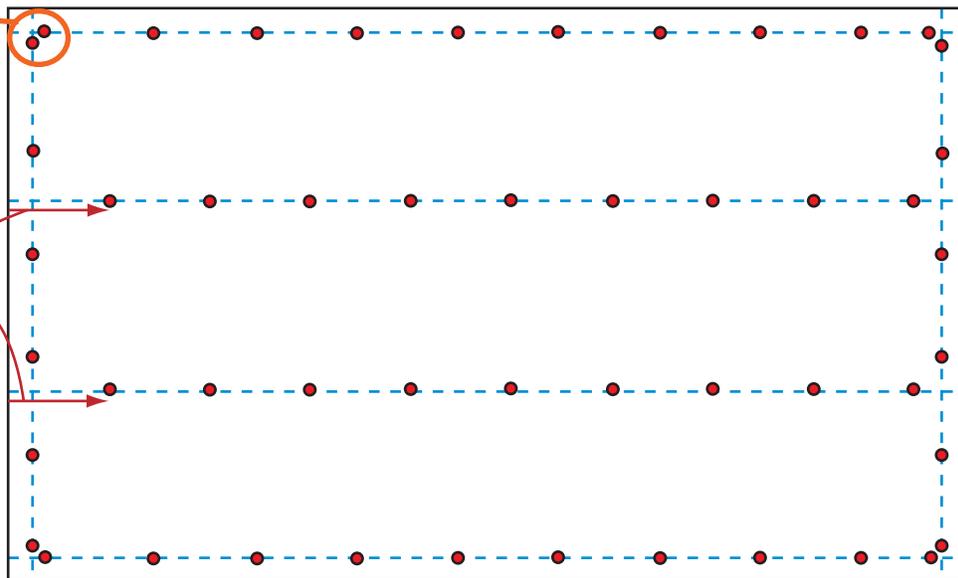
SFK Top Unit - Face Panel

60" W x 36" H

with screw/mark placement **prior**
to driving any screws into the
Durock®/SFK Top Unit frame

Corner edge, screw holes
measured 2 inches from
each edge along chalk
line

Crossbar chalk
lines w/ screw
marks starting
at 7 inches
from the edge



Screws/marks spaced every seven
inches (7") along the horizontal sides.

● Location of each screw mark



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SFK-25

FRAME INSTALLATION - Top Unit

Top Unit: Applying Durock®

Attach the Durock® front/face panel (one full sheet) to the front of Top Unit frame.

Advisement: *Lay the Top Unit frame on its back so that the full sheet of Durock® can be laid on top of the front of the frame during the application phase.*

10. Hold the Durock® firmly to the frame and begin in one corner, at the one of the corner screw marks, drive the first self-tapping screw through the Durock® and into the frame. Drive the screw until it is snug and secure. **Do not drive screws too tight - Durock® is fragile and could crack if too much force is applied.**
11. Adjacent to the first screw, drive a self-tapping screw through the Durock® panel and into the frame. *At each step check for panel/frame flushness.*
12. At each of the corner edges, continue driving self-tapping screws into each of the screw marks of the Durock® panel.
13. At all the remaining screw marks along the chalk lines drive a self-tapping screw until complete.

At this point, the front/face panel should be attached to the Top Unit frame.

14. At the back of the Top Unit frame two (2) holes will be found in one of the frame crossbars.
15. With bolts, attach a corrugated strap (2 supplied) to the frame at each of these holes. Tighten the bolts so they are snug and secure, do not over tighten.



IMPORTANT: *The next steps require heavy lifting. The aid of another person is recommended.*

16. With the aid of another person (recommended) lift the Top Unit frame, keeping the frame as level as possible and slide it into place on top of the Firebox Unit.
17. Once in place, check for frame flushness between the Top Unit and Firebox Unit frames.



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SFK-26

FRAME INSTALLATION - Top Unit

Top Unit: Attaching and Securing

Reference Fig. 14, page SFK-22 (if needed)

Attaching the Top Unit to the Firebox Unit (*similar to attaching Firebox to Base*)

18. Check for frame flushness by looking inside of the Top Unit and making sure the bolt holes are aligned with the Firebox Unit.
If not, gently move the Top frame until the holes align with the Firebox frame.
19. Once the holes are aligned place the frame bolts with lock washers into the holes.
20. Loosely tighten the bolts with the frame nuts using fingers until it becomes difficult to tighten.
21. Tighten the frame nuts until firmly in place with a drill, ratchet or wrench.
Be careful not to over tighten, this could cause damage to the frame.

Attaching the corrugated straps to the wall studs:

22. Reach into the Top Unit frame through the side openings.
23. Adjust the corrugated straps so that they line up with the wall stud marks that were made, reference page SFK-17.

Advisement: *Make sure the SFK Frame is as tight against the wall as it can possibly be.*

24. While holding the SFK Frame tight against the wall, drive a screw through each corrugated strap and into the wall stud with which it is aligned.
25. Before proceeding, gently test the SFK Frame to ensure it is secure to the wall.



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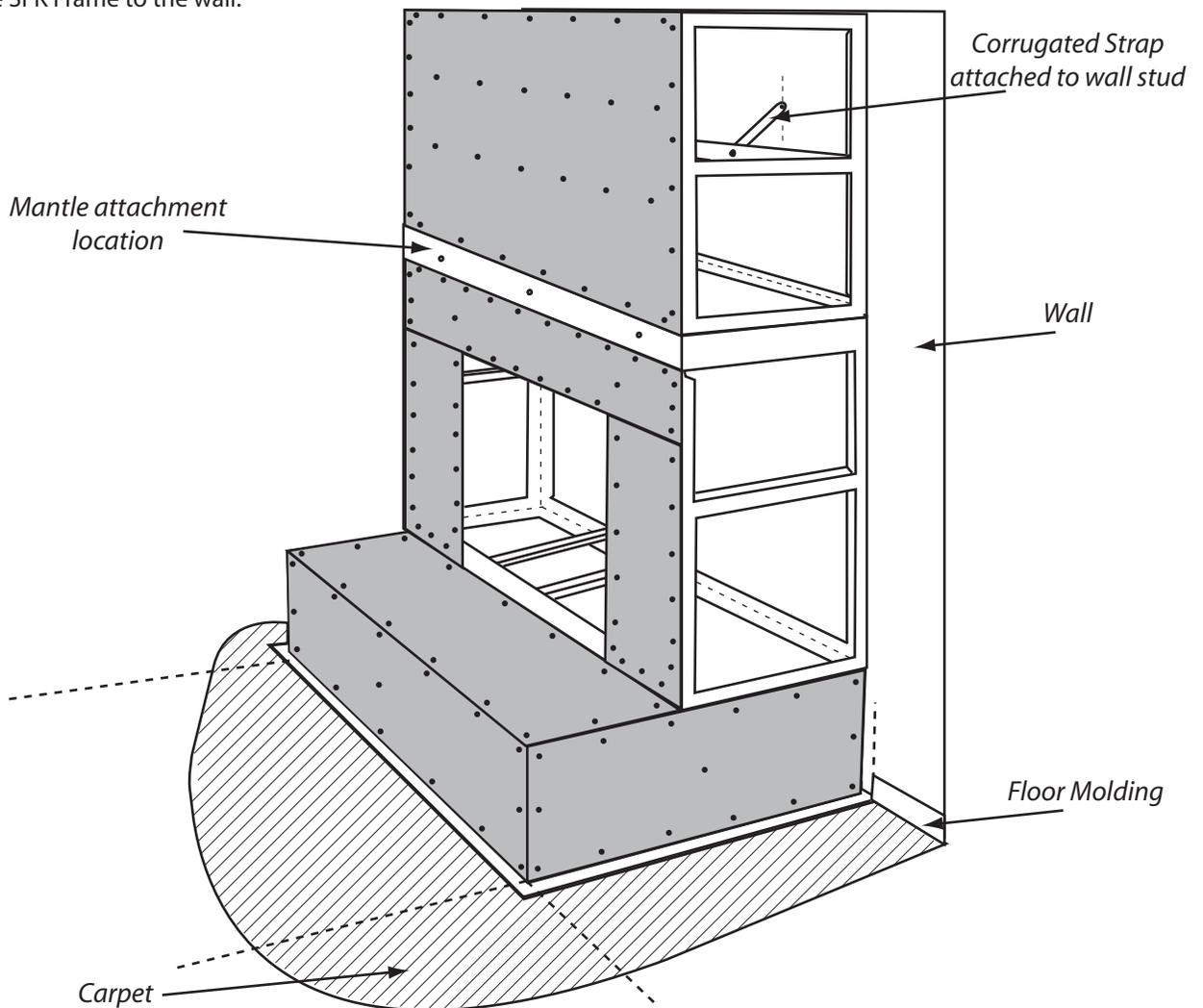
SFK-27

FINAL STEPS

A View of Current Progress

FIG. 16

SFK Frame - All Units attached
with all but 4 panels attached
and corrugated straps securing
the SFK Frame to the wall.





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SFK-28

FINAL STEPS

Remaining Steps

At this point, the Base Unit, Firebox Unit and Top Unit should all be bolted together with all but the side panels of the Firebox Unit and Top Unit attached. Also, the frame should be secured to the wall with corrugated straps.

Attach the Mantle

1. Reference **Fig. 16** for the Mantle attachment location on the Firebox Unit if needed.
2. With the hardware supplied for attaching the mantle, reach through the open sides of the SFK Firebox and/or Top Unit and secure the mantle to the Firebox Unit. **Do secure too tight to avoid damage to the frame or mantle.**

Attaching the remaining side panels (Firebox and Top Units)

See Fig. 17, next page

For each side panel:

1. Measure one and a half (1.5") inches from each corner edge and snap a chalk line along this measurement.
2. Measure for the crossbars: From one vertical edge, measure half (1/2) the height of each side panel and make marks horizontally.
Firebox Unit half height measurement - 24 inches or 2 feet
Top Unit half height measurement - 18 inches or 1.5 feet
3. Snap a chalk line horizontally across the center of all panels (Firebox and Top) for the crossbars of the frame.
4. Measure two (2) inches from all four edges going in each direction. Place a mark at each of these, there should be eight (8) total.
6. Starting on one side of the Durock sheet, moving horizontally from the edge, measure seven (7) inches from the first mark (at 2 inches) and continue measuring across every seven (7) inches and placing a mark at each measurement.
7. Do the same for the opposite edge of the Durock sheet, starting on the same side measuring horizontally across.
8. For the crossbar chalk lines, make a screw mark at the approximate center of the crossbar chalk lines for each panel.
9. For the vertical edges, measure along each vertical edge seven (7) inches from the corner screw marks down the edges.



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FINAL STEPS

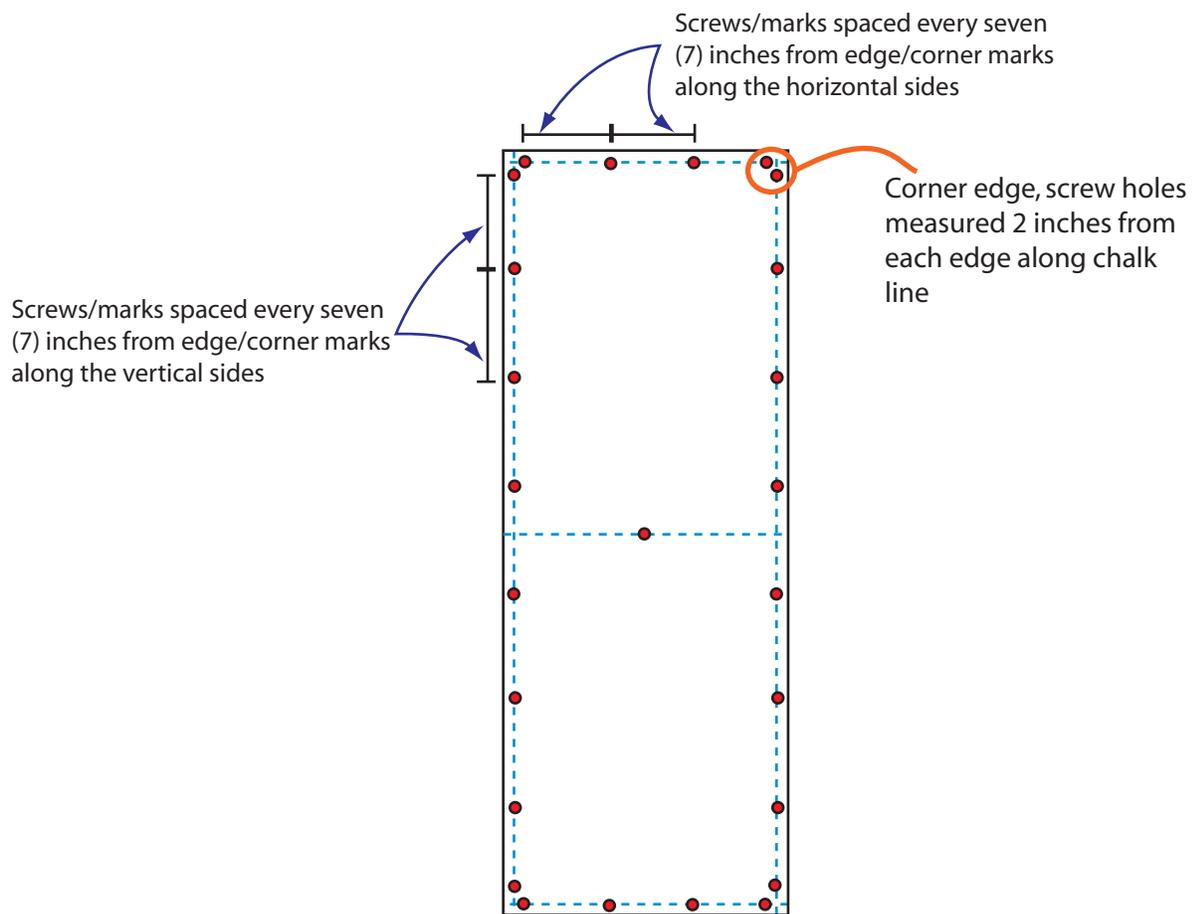
Remaining Steps

FIG. 17

Firebox Unit Side Panel (2 count)

18" W x 48" H

with screw/mark placement prior to driving any screws into the Durock/SFK firebox unit frame.



● Location of each screw marks



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SFK-30

FINAL STEPS

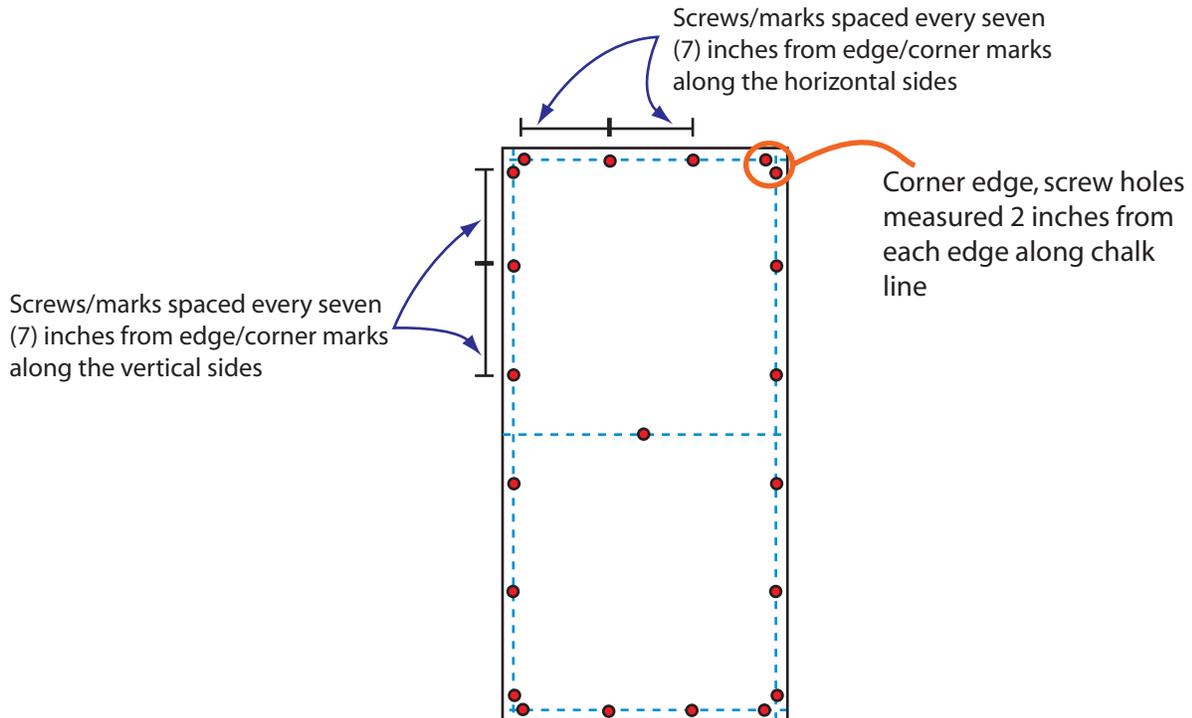
Remaining Steps

FIG. 17, continued

Top Unit Side Panel (2 count)

18" W x 36" H

with screw/mark placement prior to driving any screws into the Durock/SFK firebox unit frame.



● Location of each screw marks



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SFK-31

FINAL STEPS

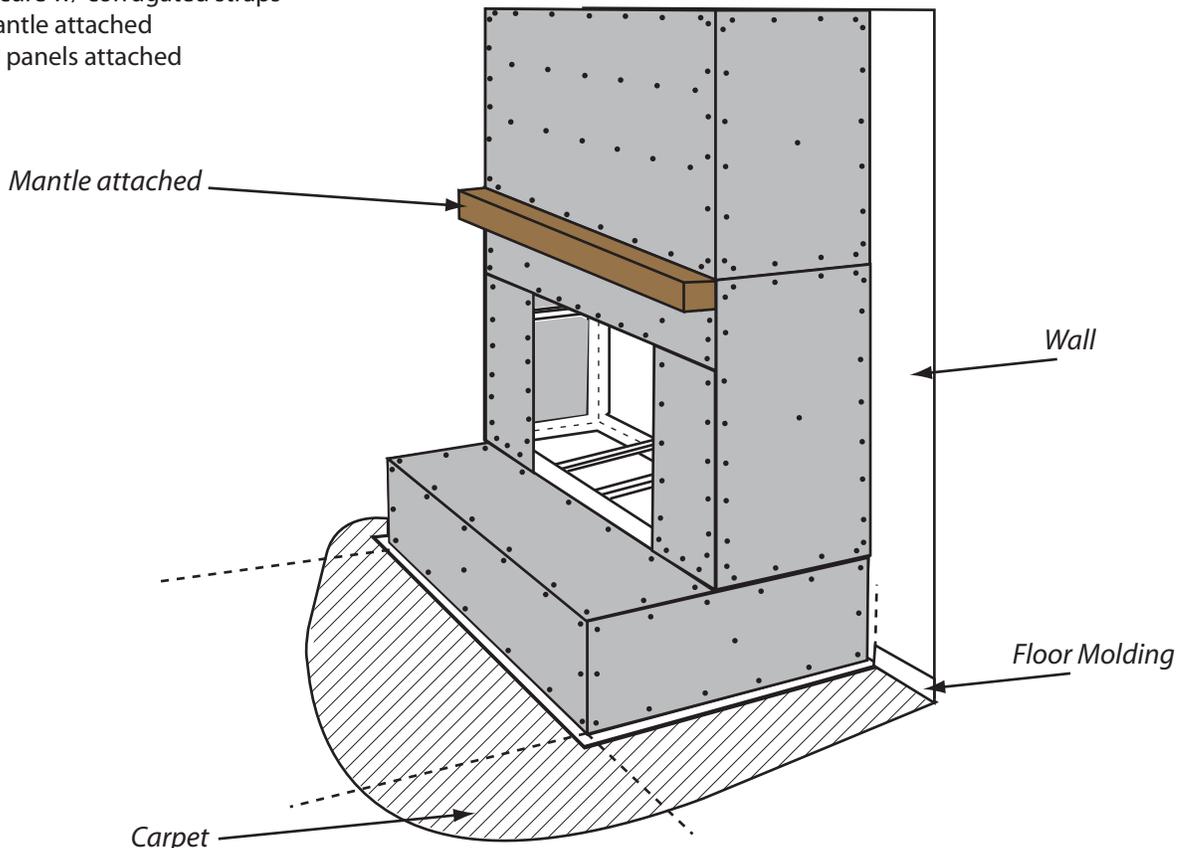
Side Panels: Applying Durock

10. Hold the Durock® firmly to the frame and begin in one corner, at the one of the corner screw marks, drive the first self-tapping screw through the Durock® and into the frame. Drive the screw until it is snug and secure. **Do not drive screws too tight - Durock® is fragile and could crack if too much force is applied.**
11. Adjacent to the first screw, drive a self-tapping screw through the Durock® panel and into the frame. *Check each panel for frame flushness.*
12. At each of the corner edges, continue driving self-tapping screws into each of the screw marks of the Durock® panel.
13. At all the remaining screw marks along the chalk lines drive a self-tapping screw until complete.

FIG. 18

SFK Frame - complete

- All units attached
- Secure w/ corrugated straps
- Mantle attached
- All panels attached





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SFK-32

FINAL STEPS

Final Steps

At this point, the following should be complete:

1. All SFK Frames should be bolted to each other.
2. The SFK Frames should be secured to the wall with corrugated straps.
3. The mantle should be attached to the Firebox Unit.
4. All panels should be attached to the SFK Frames.

Final Steps - *gas company & contracted mason*

1. Contact the gas company to install the firebox insert and attach the gas line.
2. Get a mason to apply the stone of your choosing to the finished SFK Frame.

Note: Stone Fireplace Kits, LLC is not responsible for contacting, scheduling, or the work done with regard to the gas company or your local mason.



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CONTACT INFORMATION

Stone Fireplace Kit, LLC

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Days: Monday through Friday