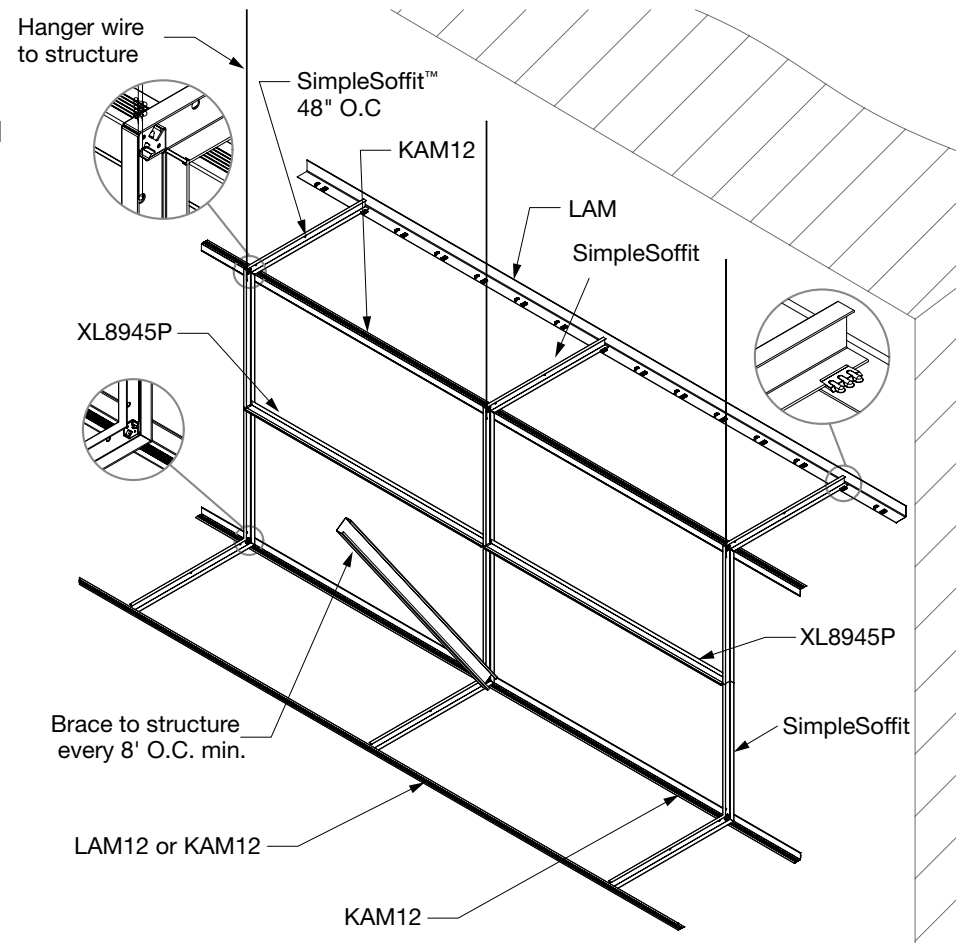
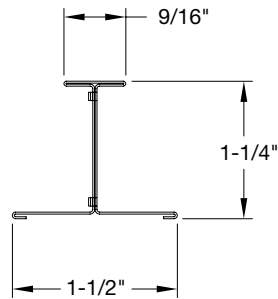


SIMPLESOFFIT™ Soffit Framing System

Assembly and Installation Instructions

1. SYSTEM OVERVIEW

SimpleSoffit™ is a prefabricated grid framing system that quickly and easily snaps together into an interior soffit allowing for a faster, more accurate framing installation. This new framing system reduces time and labor associated with cutting and measuring the framing members.



1.1 Material Handling/Storage

Product requires proper handling. Please transport cartons supporting the product so it doesn't bend or twist. Lay product on flat surface and open entire box on the long slide (*Fig 1*).

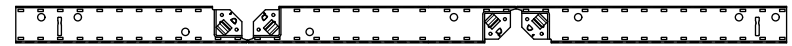
For storage, please store main beams in carton on a flat rigid surface.

Opening the carton:

While the carton is on a flat rigid surface, cut the long edge of the carton to reveal the product inside (*Fig 2*). Once carton is opened (*Fig 3*) remove product from carton and take care that product stays straight until clicking together.



(Fig 1)



(Fig 2)



(Fig 3)

1.2 Folding and Clicking SimpleSoffit™

Keep the product flat until ready to fold and click together (*Fig 4*).

When folding the mains, ensure the proper alignment while clicking together. Make sure the opposing notches are passing each other on the right for proper locking with an audible click (*Fig 5*).

The click confirms the notches are locked. Please note, a screw may be needed in certain construction situations depending on the size, shape, and condition of the soffit. For assistance, contact your Armstrong Ceilings Installation Representative. Inquire with your Technical rep.

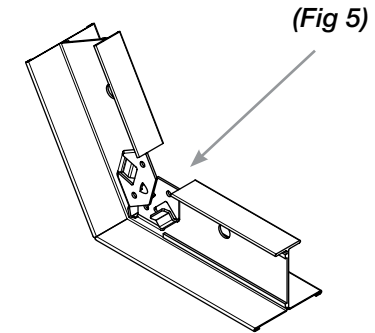
Install SimpleSoffit™ frames in the space with Armstrong® Drywall Grid cross tees.

Standard SimpleSoffit main spacing is 4' O.C. And maybe up to 6' on center depending on the loading condition. Please consider loading when determining if 2', 3', 4', 5', or 6' cross tees should be used.

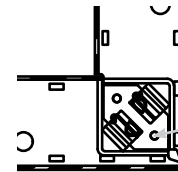
Product should be braced to structure as needed or 8' O.C. (*Fig 6*).



(*Fig 4*)



(*Fig 5*)



One screw at each connection may be necessary depending on the installation

(*Fig 6*)

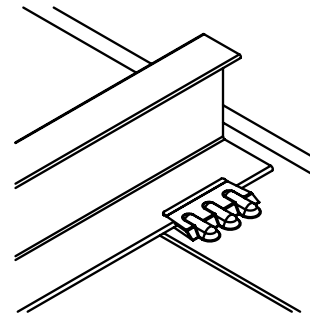
1.3 System Installation

Install SimpleSoffit™ frames in the space using Armstrong® Drywall Grid cross tees and KAM or LAM.

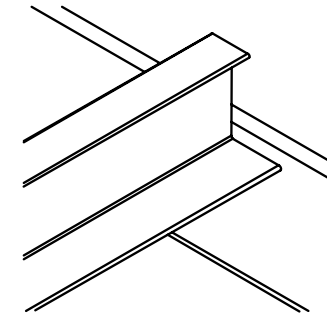
Connect SimpleSoffit mains to the KAM or LAM as shown.

Standard SimpleSoffit main spacing is 4' O.C. Product can be spaced up to 6' on center depending on the loading condition. Please consider loading when determining if 2', 3', 4', 5', or 6' cross tees should be used.

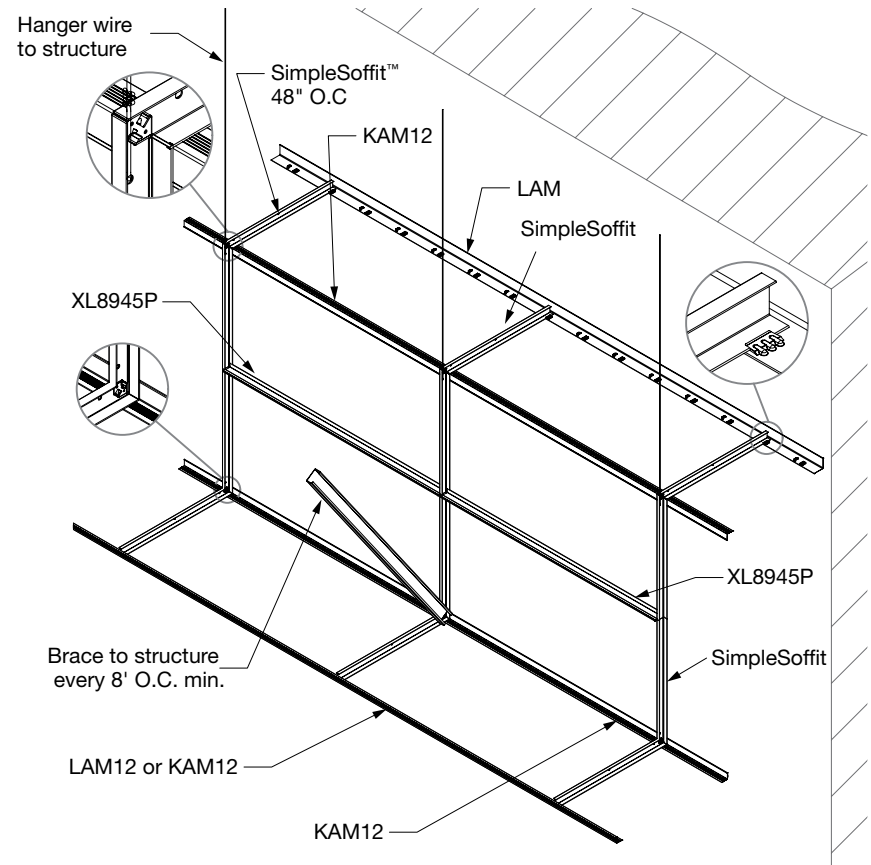
Product should be braced to structure as needed or 8' O.C. (Fig 9).



(Fig 7)



(Fig 8)



(Fig 9)

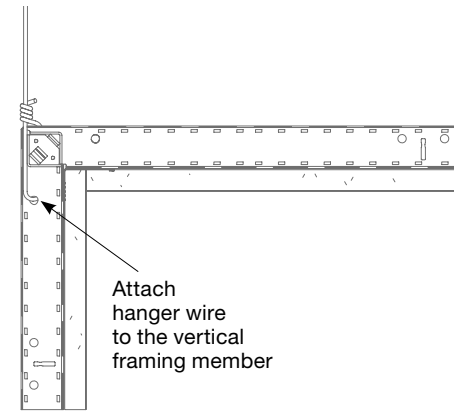
1.4 Product Attachment to structure

Product must be supported to structure via hanger wire or bracing every 4' O.C. along the SimpleSoffit™ main beam.

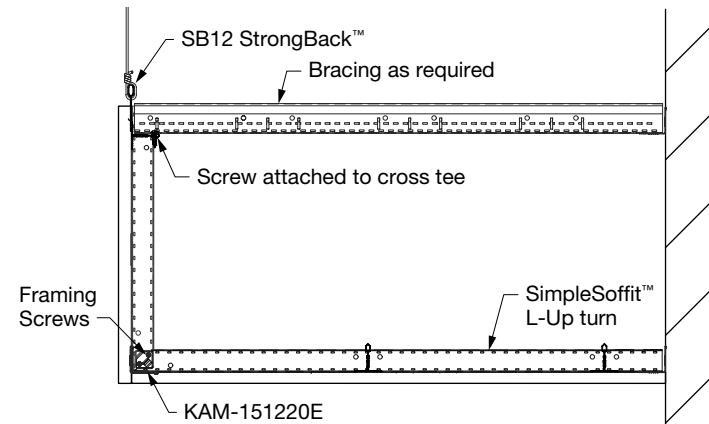
There are many different conditions and applications for SimpleSoffit. Please use this as a guideline. Choose the best option for your installation method.

For suspending soffit framing to structure – installation of wire should be on the vertical framing of the main runner where applicable (*Fig 11*).

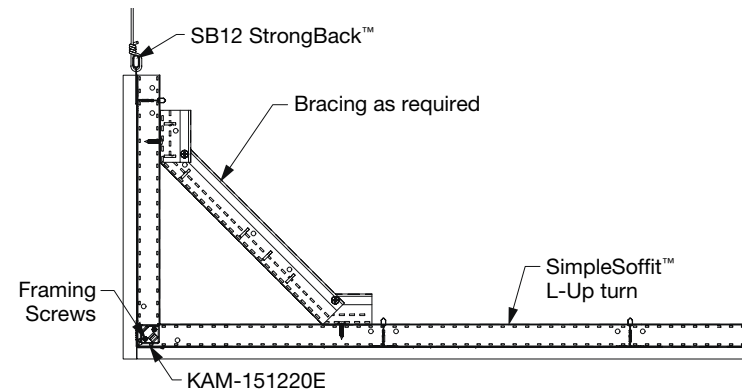
StrongBack can also be used. StrongBack™ screwed to SimpleSoffit framing every 4' is a solution for large plenum drops (*Figs 12 and 13*).



(Fig 11)



(Fig 12)



(Fig 13)

1.5 Accessories attachments

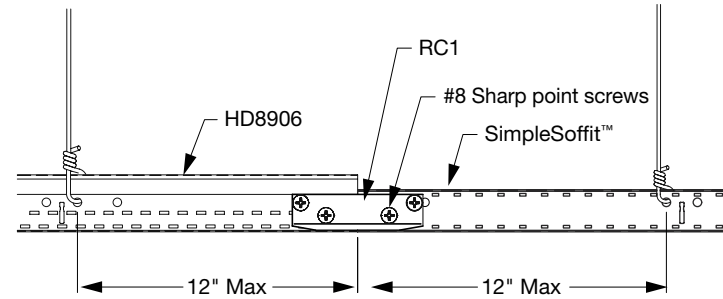
Product can be adapted to work seamlessly with standard Armstrong® Drywall Grid, transitions, light coves, and more.

For attachment to standard drywall grid, use the RC1 (*Fig 14*).

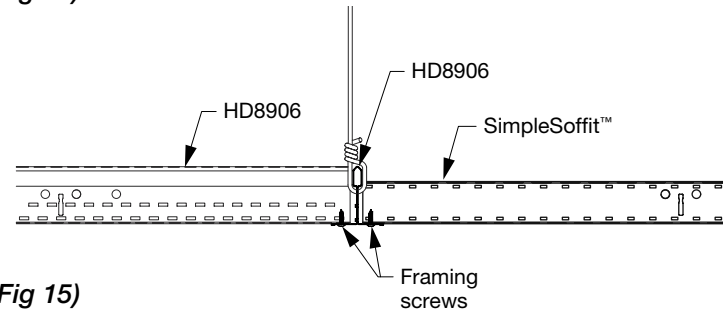
For additional attachment method splicing adjoining drywall main beams, use framing screws attaching components together as shown in (*Fig 15*).

For attachment to structure via black iron and CBS hanger (*Fig 16*).

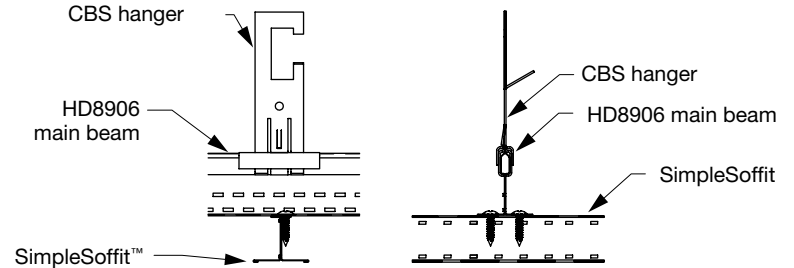
For attachment of Axiom® for light cove and perimeter integration (*Fig 17*).



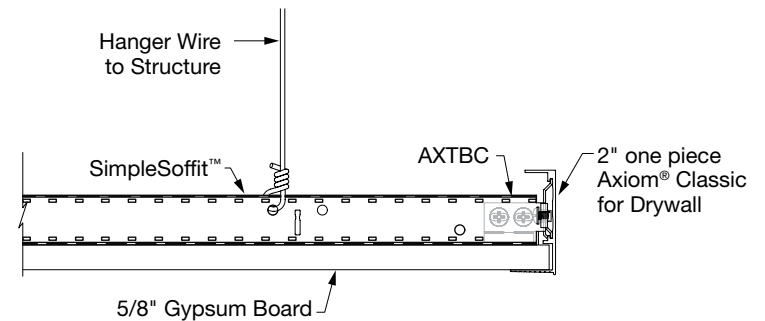
(Fig 14)



(Fig 15)



(Fig 16)

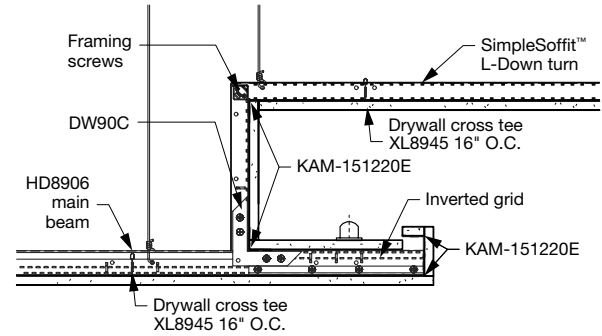


(Fig 17)

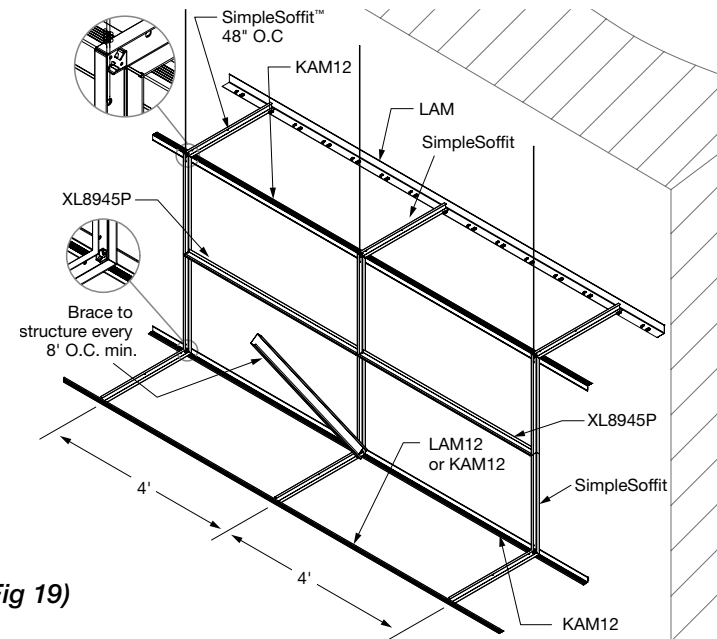
1.6 Light Cove installation

Hanger wires must be installed at upper and lower corners as shown (*Fig 10*). SimpleSoffit™ main beam spacing may be no more than 4' O.C. Consider 2' O.C. spacing as loading increases (*Fig 18*).

Two (2) min no. 7 x 7/16" framing screws must be installed at corners, (*Fig 19*). Limiting criteria will be deflection at end of cantilever. This method does not require the DW90 clip as shown. Cantilever distance may not exceed 12". Contact TechLine for special conditions.



(Fig 18)



(Fig 19)

1.7 Product considerations and capabilities

Factory ends will be a minimum of 6" from first notch. If installation requires a dimension shorter than 6", it must be trimmed in the field.

Maximum 6 notches per main beam – combination of 3 bulb notches and 3 face notches (*Fig 21*).

See (*Fig 22*) for the minimum bend dimensions.

Maximum 6 rout holes may be placed on a SimpleSoffit™ main beam – location to be specified by customer.

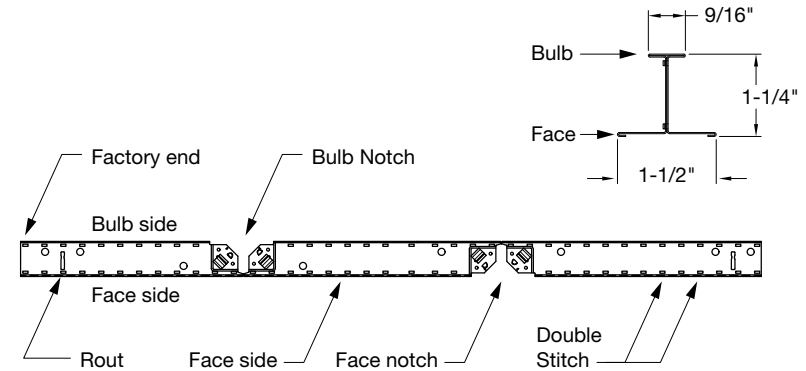
Reference (*Fig 22*) for the shortest distance between notches.

5" is the minimum distance between a rout and a notch.

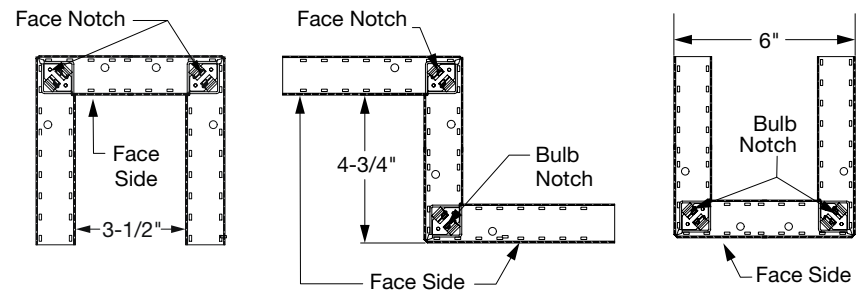
4-3/4" is the minimum distance between two notches.

NOTE: Cross tee height is slightly taller than SimpleSoffit main beam height (*Fig 23*).

[Armstrong ACOUSTIBuilt™](#) Seamless Acoustical Ceiling System can be installed on soffits of any size or angle. For acoustical benefit, AcoustiBuilt is recommended on soffits 36" or greater in height. Standard Drywall is recommended for soffits less than 36".



(*Fig 21*)

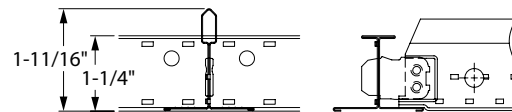


NOTE: This is the folded result of 2 face notches placed 6" apart – minimum spacing for the dies

NOTE: This is the folded result of a face notch placed 6" from a bulb notch – minimum spacing for the dies

NOTE: This is the folded result of bulb notches placed 6" apart – minimum spacing for the dies

(*Fig 22*)



(*Fig 23*)

MORE INFORMATION

For more information, or for an Armstrong Ceilings representative, call 1 877 276 7876.

For complete technical information, detail drawings, CAD design assistance, installation information, and many other technical services, call TechLine customer support at 1 877 276 7876 or FAX 1 800 572 TECH.

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