Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

Note that this installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides considerations about the general characteristics of a particular type of support and installation.

Characteristics of the Angeln Style Countertop Support Bracket

Our Angeln Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Angeln Bracket is ¼” and the gusset provides additional resistance to deflection.

The Angeln style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Angeln is not useful in the elevated countertop applications.

Preparations for the Angeln Bracket

The Angeln Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Angeln Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations

Considerations when Installing Angeln Style Countertop Brackets

Whenever installing the Angeln Countertop Brackets make sure that you provide the thickest possible substructure (at least 3/4”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Angeln style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Angeln Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace bracket. We would be thankful if you would send us images of your new kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

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Arrowwood Countertop Bracket

Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

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Characteristics of the Arrowwood Style Countertop Support Bracket

Our Arrowwood Countertop Brackets are designed to allow the maximum amount of leg room possible under a countertop extension or serving bar with still providing the strength that comes from a gusseted bracket. The material thickness of the Arrowwood Bracket is ¼” and the gusset provides additional resistance to deflection.

The Arrowwood style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Arrowwood is not useful in the elevated countertop applications.

Preparations for the Arrowwood Bracket

The Arrowwood Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Arrowwood Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Arrowwood Style Countertop Brackets

Whenever installing the Arrowwood Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Arrowwood style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Arrowwood Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace bracket. We would be thankful if you would send us images of your new kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

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Bellhaven Countertop Support

Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

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Characteristics of the Bellhaven Style Countertop Support Bracket

Our Bellhaven Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Bellhaven Bracket is ¼” and the gusset provides additional resistance to deflection.

The Bellhaven style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Bellhaven is not useful in the elevated countertop applications.

Preparations for the Bellhaven Bracket

The Bellhaven Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Bellhaven Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Bellhaven Style Countertop Brackets

Whenever installing the Bellhaven Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Bellhaven style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Bellhaven Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

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**Brunswick Countertop Bracket**

### Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

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### Characteristics of the Brunswick Style Countertop Support Bracket

Our Brunswick Countertop Brackets are designed to allow the maximum amount of leg room possible under a countertop extension or serving bar with still providing the strength that comes from a gusseted bracket. The material thickness of the Brunswick Bracket is ¼” and the gusset provides additional resistance to deflection.

The Brunswick style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Brunswick is not useful in the elevated countertop applications.

### Preparations for the Brunswick Bracket

The Brunswick Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Brunswick Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Brunswick Style Countertop Brackets

Whenever installing the Brunswick Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Brunswick style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Brunswick Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

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Cafe Countertop Bracket

Installation Considerations

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Characteristics of the Cafe Style Countertop Support Bracket

Our Cafe Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Cafe Bracket is ¼” and the gusset provides additional resistance to deflection.

The Cafe style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Cafe is not useful in the elevated countertop applications.

Preparations for the Cafe Bracket

The Cafe Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Cafe Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Cafe Style Countertop Brackets

Whenever installing the Cafe Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Cafe style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Cafe Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace bracket. We would be thankful if you would send us images of your new kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

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**Empire Countertop Bracket**

**Installation Considerations**

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

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**Characteristics of the Empire Style Countertop Support Bracket**

Our Empire Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Empire Bracket is ¼” and the gusset provides additional resistance to deflection.

The Empire style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Empire is not useful in the elevated countertop applications.

**Preparations for the Empire Bracket**

The Empire Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Empire Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Empire Style Countertop Brackets

Whenever installing the Empire Countertop Brackets make sure that you provide the thickest possible substructure (at least \(\frac{3}{4}\)”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Empire style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Empire Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace bracket. We would be thankful if you would send us images of your new kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

Also, know that the highest compliment Federal Brace can be given is a reference from our customers to friends and family. If you have enjoyed your buying experience with Federal Brace please let someone know.
Federal Countertop Bracket

Installation Considerations

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Characteristics of the Federal Style Countertop Support Bracket

Our Federal Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Federal Bracket is ¼” and the gusset provides additional resistance to deflection.

The Federal style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Federal is not useful in the elevated countertop applications.

Preparations for the Federal Bracket

The Federal Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Federal Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Federal Style Countertop Brackets

Whenever installing the Federal Countertop Brackets make sure that you provide the thickest possible sub-
structure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting”
material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be
tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the
Federal style bracket no greater than 30” apart on a standard application. Once you have your bracket support
pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket
that you check for level in all directions. The bracket should be straight up and down and be level across the
top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with
the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your
support structure. When manufacturing the Federal Countertop Supports we attempt to hit the angle break
at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case
with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed
directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit
flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the
additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed
to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange
will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris.
Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket
to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you
choose. This will give greater adherence to the countertop and cover any gap between the brackets and coun-
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Installation Considerations

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Characteristics of the Forma Style Countertop Support Bracket

Our Forma Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Forma Bracket is ¼” and the gusset provides additional resistance to deflection.

The Forma style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Forma is not useful in the elevated countertop applications.

Preparations for the Forma Bracket

The Forma Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Forma Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Forma Style Countertop Brackets

Whenever installing the Forma Countertop Brackets make sure that you provide the thickest possible substructure (at least $\frac{3}{4}"$) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Forma style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Forma Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

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Hagendoorn Counter Overhang Bracket

Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

Note that this installation document should not be considered a specific recommendation for your particular application. Federal Brace cannot provide installation guidelines to meet the particulars of every application. This document should be considered a help sheet that provides considerations about the general characteristics of a particular type of support and installation.

Characteristics of the Hagendoorn Style Countertop Support Bracket

Our Hagendoorn Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Hagendoorn Bracket is ¼” and the gusset provides additional resistance to deflection.

The Hagendoorn style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Hagendoorn is not useful in the elevated countertop applications.

Preparations for the Hagendoorn Bracket

The Hagendoorn Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Hagendoorn Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Hagendoorn Style Countertop Brackets

Whenever installing the Hagendoorn Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Hagendoorn style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Hagendoorn Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

Final step is to enjoy your work and your new kitchen counter! We are thankful that you chose to support your beautiful counters with Federal Brace bracket. We would be thankful if you would send us images of your new kitchen and our brackets under your counters. We enjoy seeing Federal Brace supports at work.

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Impressions Countertop Bracket

Installation Considerations

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Characteristics of the Impressions Style Countertop Support Bracket

Our Impressions Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Impressions Bracket is ¼” and the gusset provides additional resistance to deflection.

The Impressions style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Impressions is not useful in the elevated countertop applications.

Preparations for the Impressions Bracket

The Impressions Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Impressions Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Impressions Style Countertop Brackets

Whenever installing the Impressions Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Impressions style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Impressions Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

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Inspirations Countertop Bracket

Installation Considerations

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Characteristics of the Inspirations Style Countertop Support Bracket

Our Inspirations Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Inspirations Bracket is ¼” and the gusset provides additional resistance to deflection.

The Inspirations style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Inspirations is not useful in the elevated countertop applications.

Preparations for the Inspirations Bracket

The Inspirations Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Inspirations Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Inspirations Style Countertop Brackets

Whenever installing the Inspirations Countertop Brackets make sure that you provide the thickest possible substructure (at least \(\frac{3}{4}\)”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Inspirations style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Inspirations Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

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Orion Countertop Bracket

Installation Considerations

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Characteristics of the Orion Style Countertop Support Bracket

Our Orion Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Orion Bracket is ¼” and the gusset provides additional resistance to deflection.

The Orion style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Orion is not useful in the elevated countertop applications.

Preparations for the Orion Bracket

The Orion Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Orion Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Orion Style Countertop Brackets

Whenever installing the Orion Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Orion style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Orion Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

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Oxford Countertop Bracket

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Characteristics of the Oxford Style Countertop Support Bracket

Our Oxford Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Oxford Bracket is ¼” and the gusset provides additional resistance to deflection.

The Oxford style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Oxford is not useful in the elevated countertop applications.

Preparations for the Oxford Bracket

The Oxford Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Oxford Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Oxford Style Countertop Brackets

Whenever installing the Oxford Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Oxford style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Oxford Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

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Installation Considerations

Every successful countertop installation begins with good planning and action. Do not wait until the last minute to order your countertop supports, fasteners or adhesives for installation. Make sure that all aspects of the support substructure are considered and discussed to insure that your countertop installation will be smooth and that your countertop support products will be sufficient.

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Characteristics of the Pickett Style Countertop Support Bracket

Our Pickett Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Pickett Bracket is ¼” and the gusset provides additional resistance to deflection.

The Pickett style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Pickett is not useful in the elevated countertop applications.

Preparations for the Pickett Bracket

The Pickett Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Pickett Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Pickett Style Countertop Brackets

Whenever installing the Pickett Countertop Brackets make sure that you provide the thickest possible substructure (at least 3/4”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Pickett style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Pickett Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

Once your first bracket is in place you can now add the additional brackets making sure that you check the additional brackets the same way you checked the first. Also, use a level to test each successive bracket installed to make sure that the whole installation is level. Placing the level from bracket top flange to bracket top flange will help you read this aspect of the installation.

Once all the brackets are in place you will want to wipe them down to get rid of any handprints or other debris. Just before installation of your counter you may want to apply adhesive or silicone to the top of the bracket to adhere it to the counter. Once the counter is in place you can caulk around the edge of the brackets if you choose. This will give greater adherence to the countertop and cover any gap between the brackets and counter.

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Streamline Countertop Bracket

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Characteristics of the Streamline Style Countertop Support Bracket

Our Streamline Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Streamline Bracket is $\frac{1}{4}''$ and the gusset provides additional resistance to deflection.

The Streamline style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Streamline is not useful in the elevated countertop applications.

Preparations for the Streamline Bracket

The Streamline Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Streamline Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Streamline Style Countertop Brackets

Whenever installing the Streamline Countertop Brackets make sure that you provide the thickest possible substructure (at least \( \frac{3}{4} '' \)) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Streamline style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Streamline Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

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Characteristics of the Union Jack Style Countertop Support Bracket

Our Union Jack Countertop Brackets are designed to provide the strength that comes from a gusseted metal bracket. The material thickness of the Union Jack Bracket is ¼” and the gusset provides additional resistance to deflection.

The Union Jack style countertop bracket is suggested for use in all standard application where a countertop bracket is used – island extension, half wall or pony wall applications and wall shelf mounted. The Union Jack is not useful in the elevated countertop applications.

Preparations for the Union Jack Bracket

The Union Jack Countertop Supports come in brushed Stainless Steel and raw steel. If you have ordered your Union Jack Brackets unfinished (without paint) you will need to finish them before installation. Make sure you clean the bracket of any machine oil or rust preventative before painting. Once clean and dry apply a metal compatible paint to the bracket completely. Let the first coat dry and do at least 1 more coat. Before installing the brackets the paint should be allowed to dry completely.
Installation Considerations Continued

Considerations when Installing Union Jack Style Countertop Brackets

Whenever installing the Union Jack Countertop Brackets make sure that you provide the thickest possible substructure (at least ¾”) on which to fasten the bracket. You will want to the fasteners to have as much “biting” material as possible. This will provide with a secure fastening of the brackets. Also, the substructure must be tied into the floor. Remember, a weak substructure makes for a weak installation.

With the substructure in place and sturdy, measure out your bracket pattern. We suggest that you space the Union Jack style bracket no greater than 30” apart on a standard application. Once you have your bracket support pattern set up you can attach your first bracket to the substructure. Make sure that when you fasten the bracket that you check for level in all directions. The bracket should be straight up and down and be level across the top flange as well as down the top flange. This will give the best possible support result to your countertop.

The top of your bracket should not extend over the top of your support structure but should meet flush with the top. You will want to use a level to determine the positioning of the top of the bracket to the top of your support structure. When manufacturing the Union Jack Countertop Supports we attempt to hit the angle break at 90 degrees 100% of the time. However, sometime we may be slightly off of that mark. If this is the case with your bracket you should use shims in your installation to bring the bracket to level. Shims can be placed directly behind the down flange or you may need to slightly plain the support stud to allow for the bracket to sit flush and level.

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