

Technical Data Sheet

BENNERWINTER



This product has the following subscriptions:

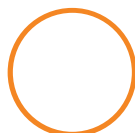


Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber	Wet formed mineral fiber
Surface Finish	Factory applied vinyl latex paint	Factory applied vinyl latex paint
Density	260-300 kg/m3	260-300 kg/m3
Noise Reduction Coefficient (NRC)	0.55	0.70
Ceiling Attenuation Class (CAC)	34	37
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	70% to 95%	70% to 95%
Microbial Resistance	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective	0.85	0.85
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D 5116)		



Standard color:

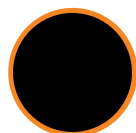
Item #
1110
1111
1114
1115



white

Specialty colors:

Item #
1112
1113



black



painted

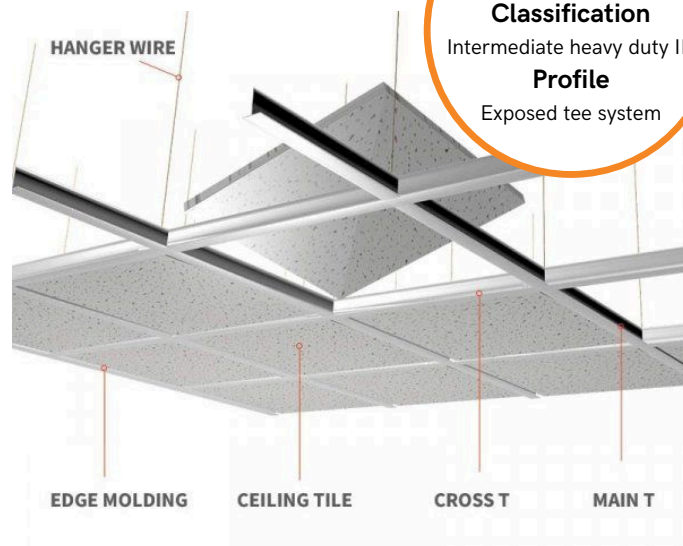
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

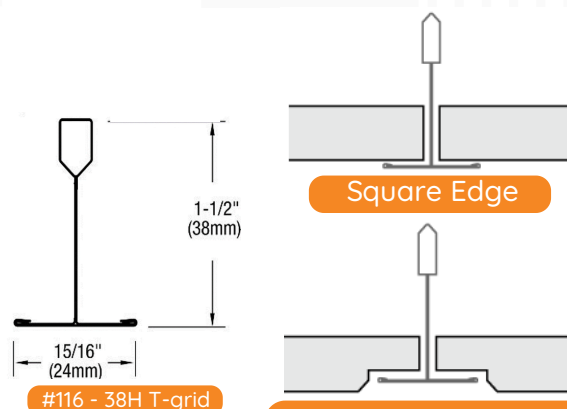
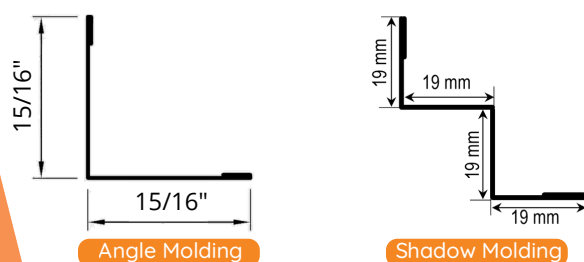
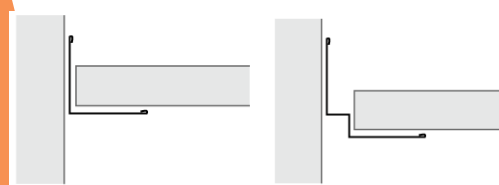
Baked polyester paint

Classification

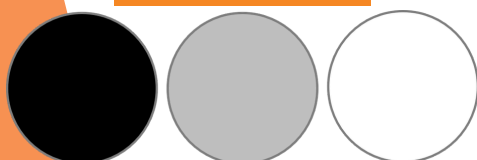
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

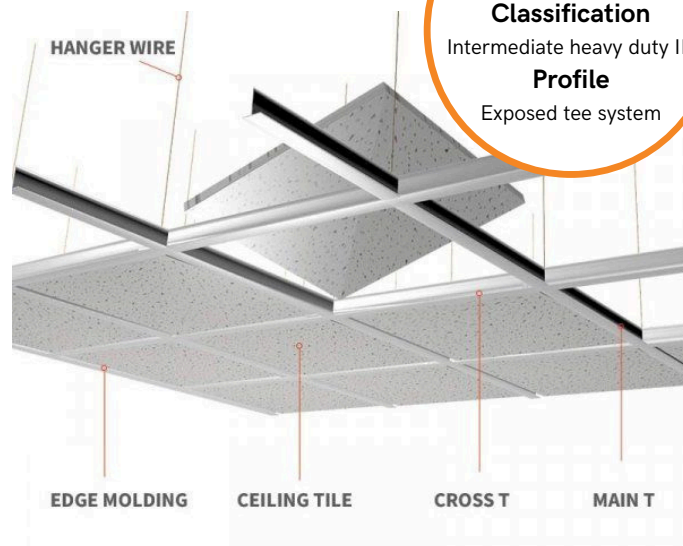
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
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Surface Finish

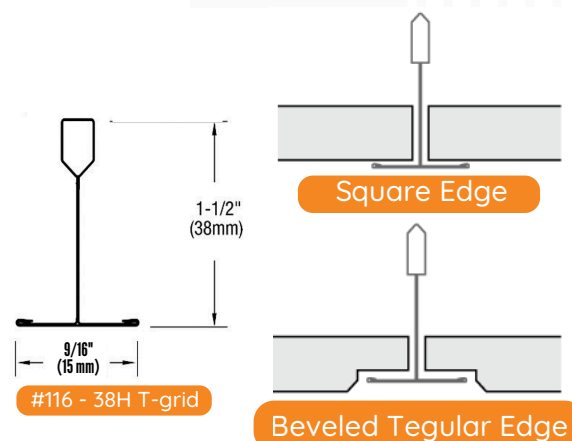
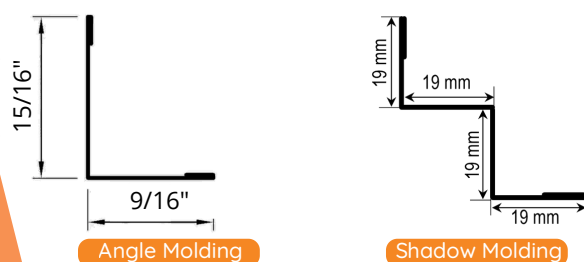
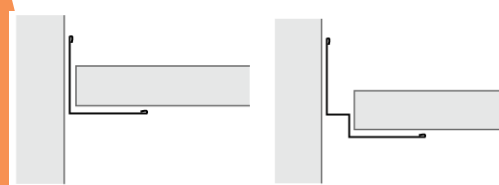
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Classification

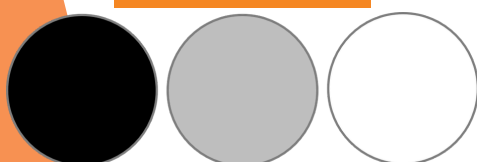
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

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Technical Data Sheet



BENNERCOOL



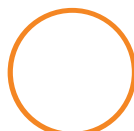
This product has the following subscriptions:



Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber & fiberglass tissue	Wet formed mineral fiber & fiberglass tissue
Surface Finish	Factory applied vinyl latex paint	Factory applied vinyl latex paint
Thickness	1' 20mm	1' 20mm
Noise Reduction Coefficient (NRC)	0.80	0.80
Ceiling Attenuation Class (CAC)	38 dB	38 dB
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	95% - 99%	95% - 99%
Microbial Resistance	Highly resistant ASTM	Highly resistant ASTM
Light Reflective	up to 0.88	up to 0.88
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D 5116)		



Standard color:



white

Specialty colors:



black



painted

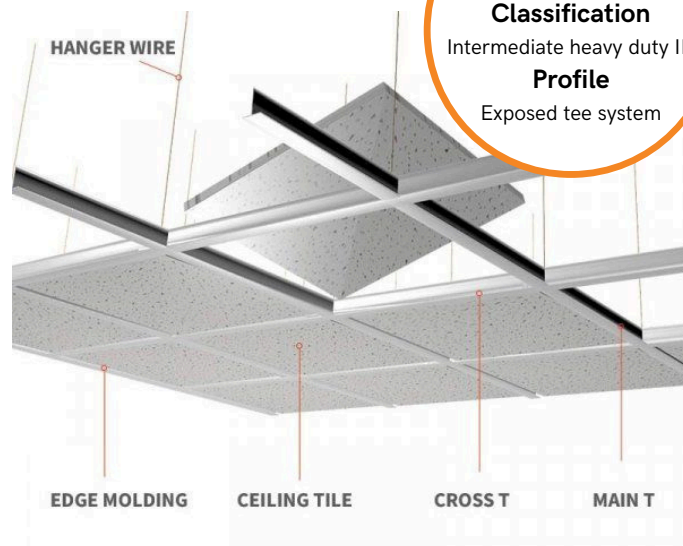
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Suspension System 15/16"

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Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

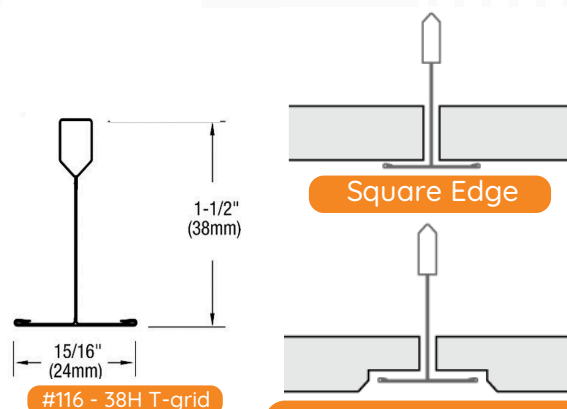
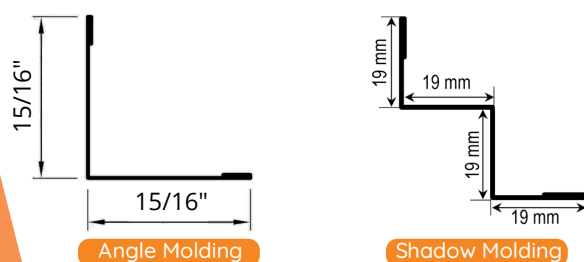
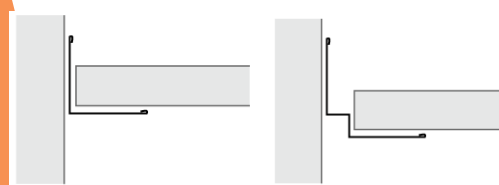
Baked polyester paint

Classification

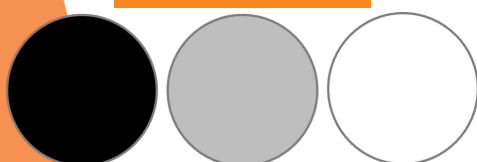
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

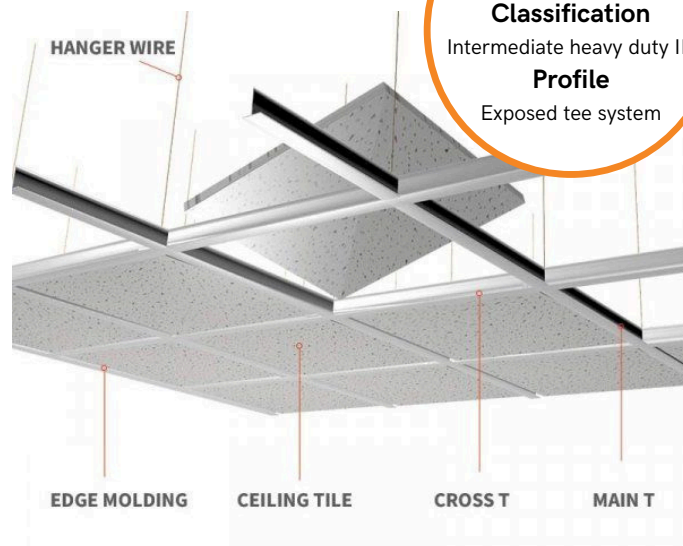
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Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

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Wall Molding	L shape	15/16" x 9/16" x 142"



Surface Finish

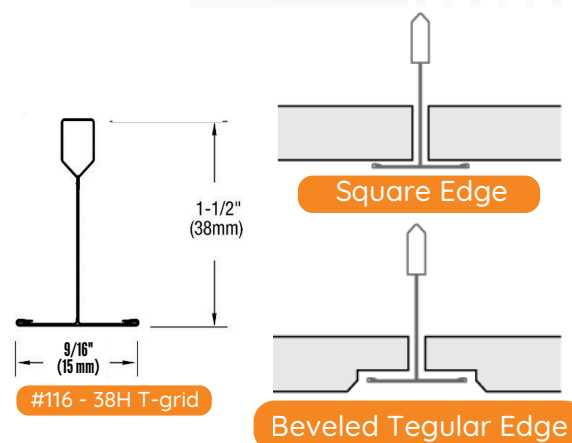
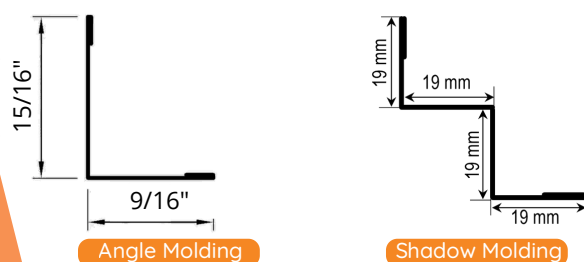
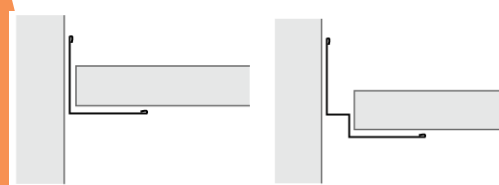
Baked polyester paint

Classification

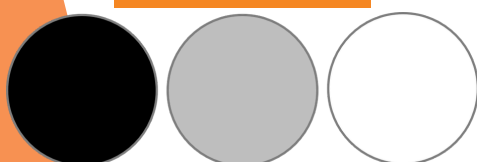
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
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Technical Data Sheet



BENNERDU



This product has the following subscriptions:



Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber	Wet formed mineral fiber
Surface Finish	Factory applied vinyl latex paint	Factory applied vinyl latex paint
Density	260-300 kg/m3	260-300 kg/m3
Noise Reduction Coefficient (NRC)	0.50	0.60
Ceiling Attenuation Class (CAC)	35	39
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	80% to 99%	80% to 99%
Microbial Resistance	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective	0.83	0.83
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D5116)		



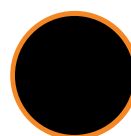
Standard color:

Item #
1210
1211
1212
1214



white

Specialty colors:



black



painted

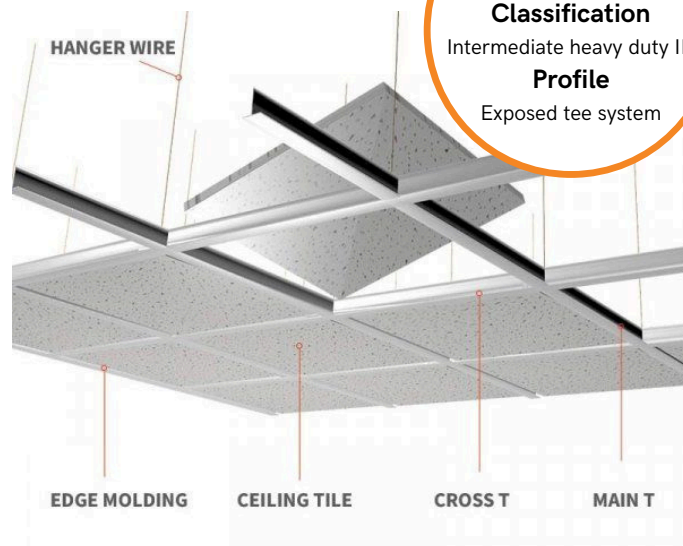
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Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
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Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

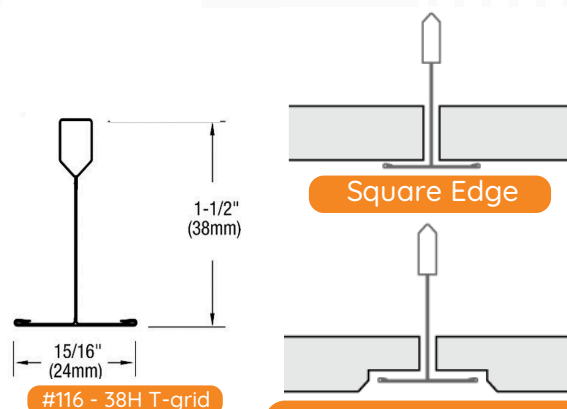
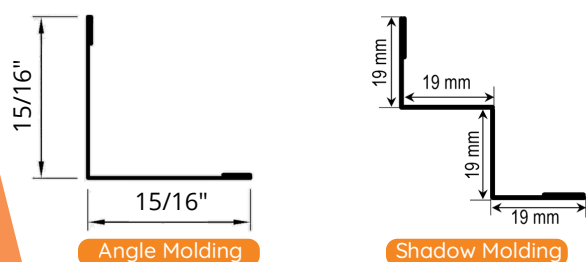
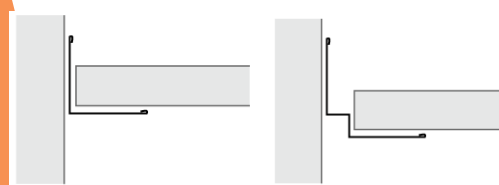
Baked polyester paint

Classification

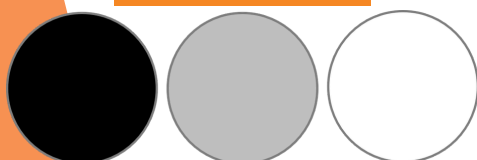
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

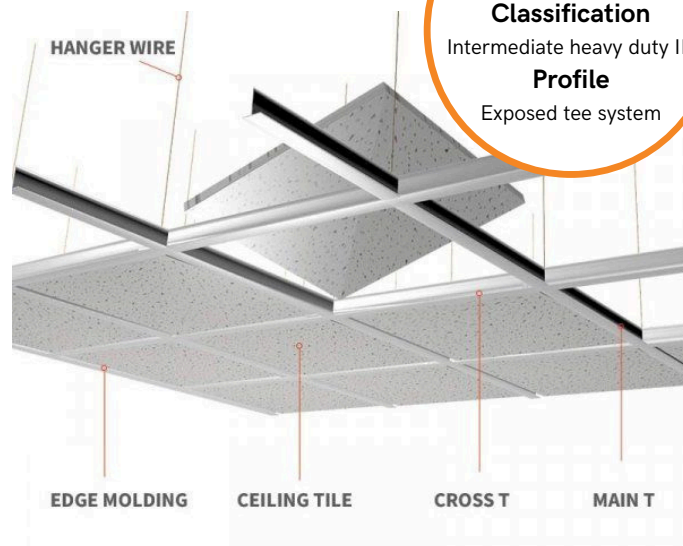
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
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Surface Finish

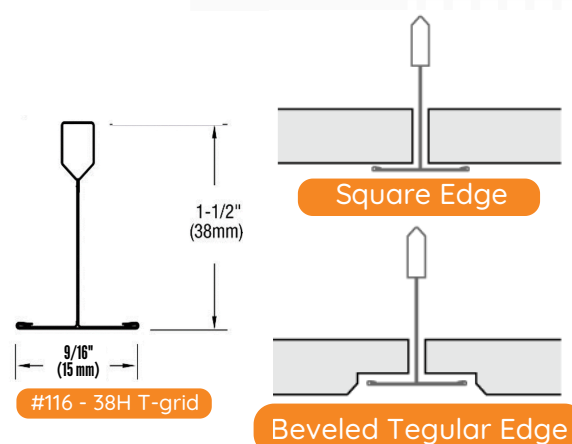
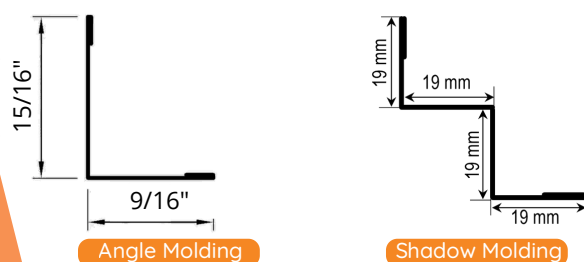
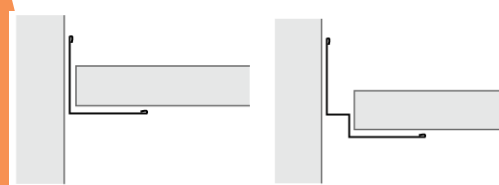
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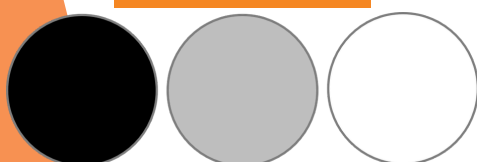
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

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Technical Data Sheet

BENNERSOFT

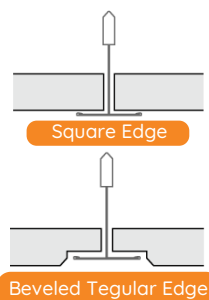


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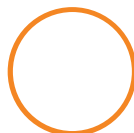


Characteristic	Technical Data	
Thickness	5/8"	3/4"
Size	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber	Wet formed mineral fiber
Surface Finish	Factory applied vinyl latex paint	Factory applied vinyl latex paint
Density	280-320 kg/m3	280-320 kg/m3
Noise Reduction Coefficient (NRC)	0.55	0.70
Ceiling Attenuation Class (CAC)	35	40
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (HR)	95% - 99%	95% - 99%
Microbial Resistance (MR)	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective (LR)	0.85	0.85
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D5116)		

Available Edges

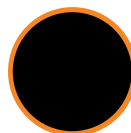


Standard color:



white

Specialty colors:



black



printed

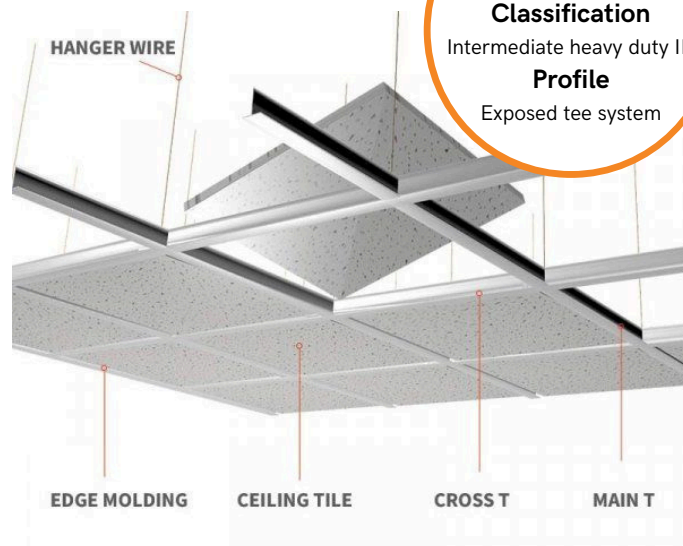
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Surface Finish

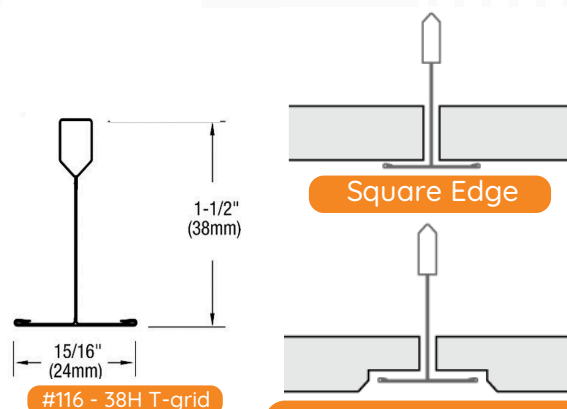
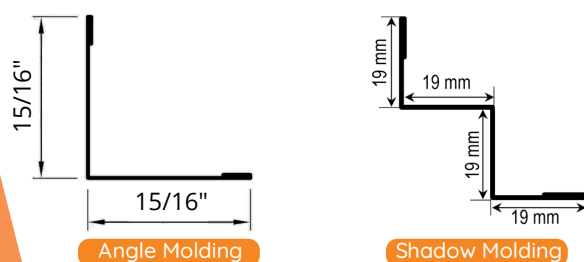
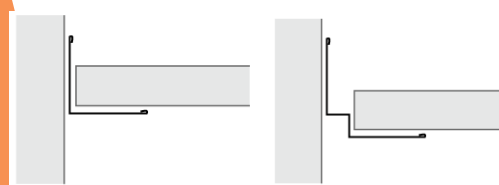
Baked polyester paint

Classification

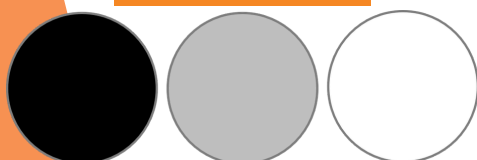
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

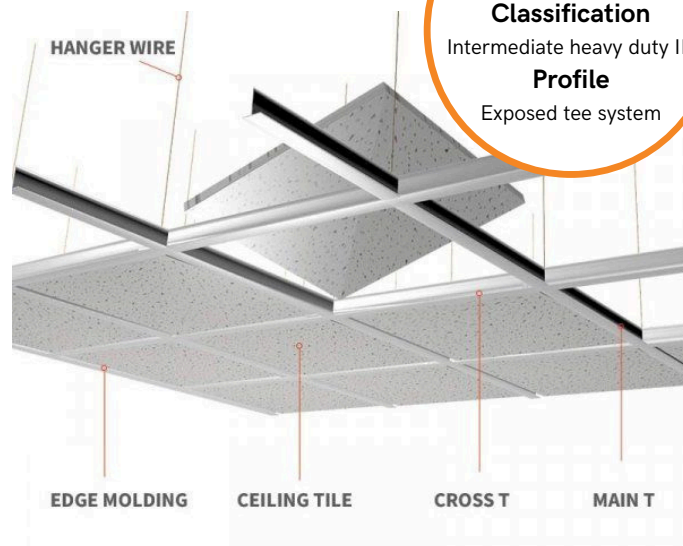
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Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



Surface Finish

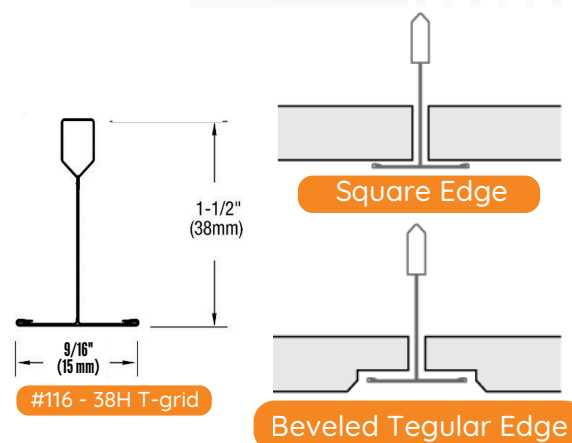
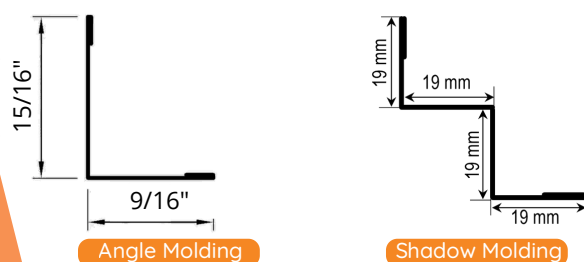
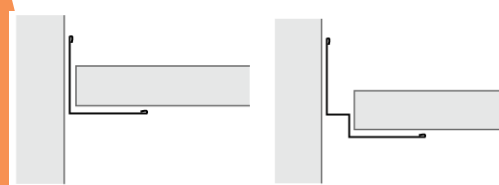
Baked polyester paint

Classification

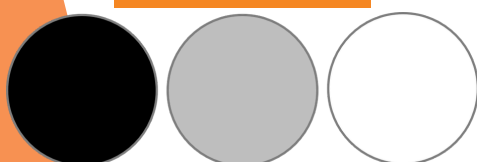
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



BENNERHEALTH



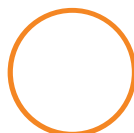
This product has the following subscriptions:



Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber PVC laminated film	Wet formed mineral fiber PVC laminated film
Surface Finish	PVC laminated film	PVC laminated film
Density	260-300 kg/m3	260-300 kg/m3
Noise Reduction Coefficient (NRC)	0.30	0.40
Ceiling Attenuation Class (CAC)	38	40
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	95% to 99%	95% to 99%
Microbial Resistance	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective	0.87	0.87
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D5116)		

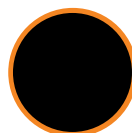


Standard color:



white

Specialty colors:



black



painted

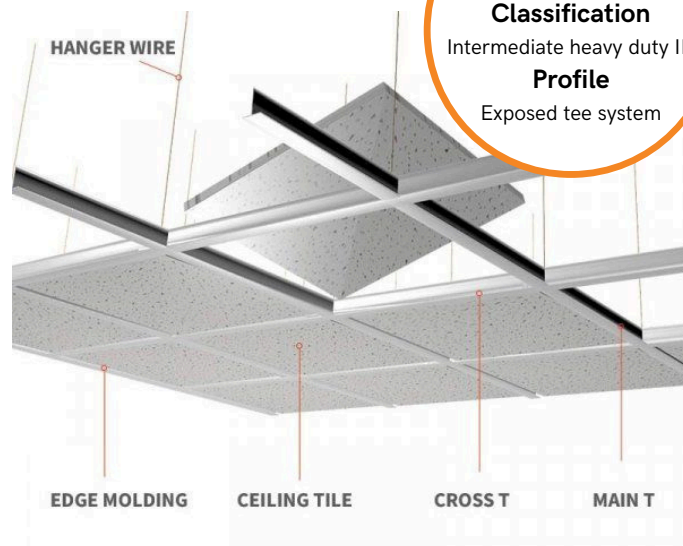
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

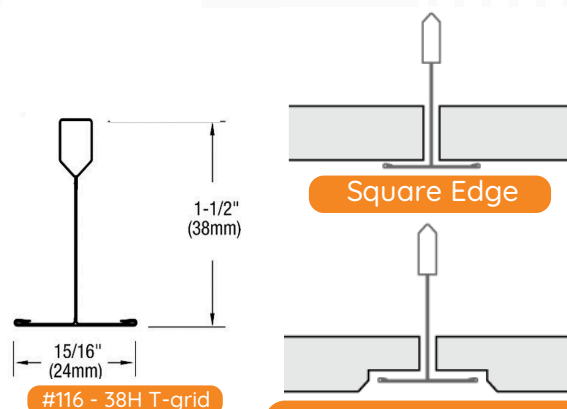
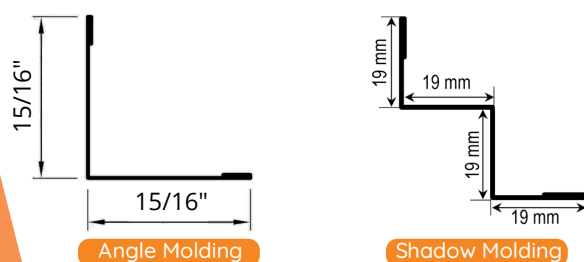
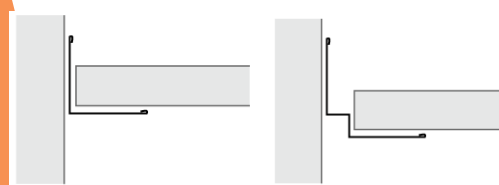
Baked polyester paint

Classification

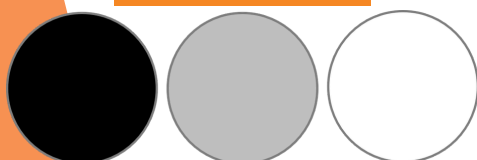
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



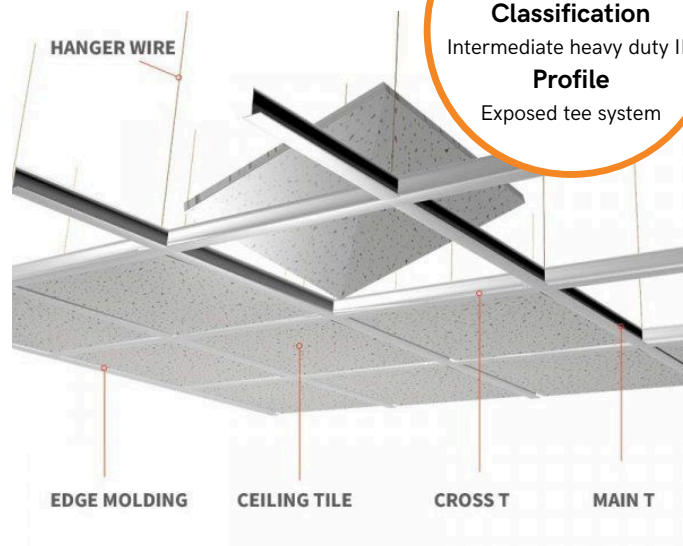
PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.



Surface Finish

Baked polyester paint

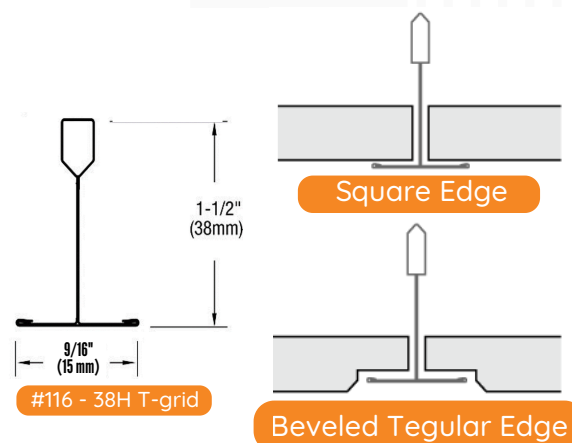
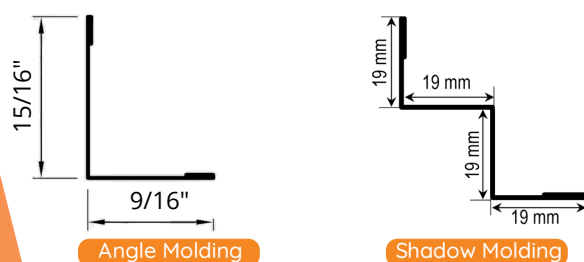
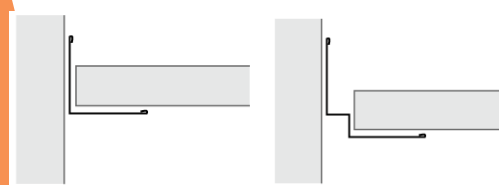
Classification

Intermediate heavy duty ID

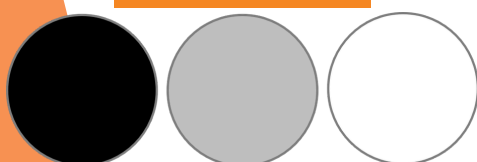
Profile

Exposed tee system

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



BENNERFINE



This product has the following subscriptions:

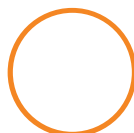


Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber	Wet formed mineral fiber
Surface Finish	Factory applied vinyl latex paint	Factory applied vinyl latex paint
Density	260-300 kg/m3	260-300 kg/m3
Noise Reduction Coefficient (NRC)	0.55	0.70
Ceiling Attenuation Class (CAC)	35	38
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	70% to 95%	70% to 95%
Microbial Resistance	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective	0.85	0.85
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D5116)		



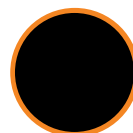
Standard color:

Item #
1412



white

Specialty colors:



black



painted

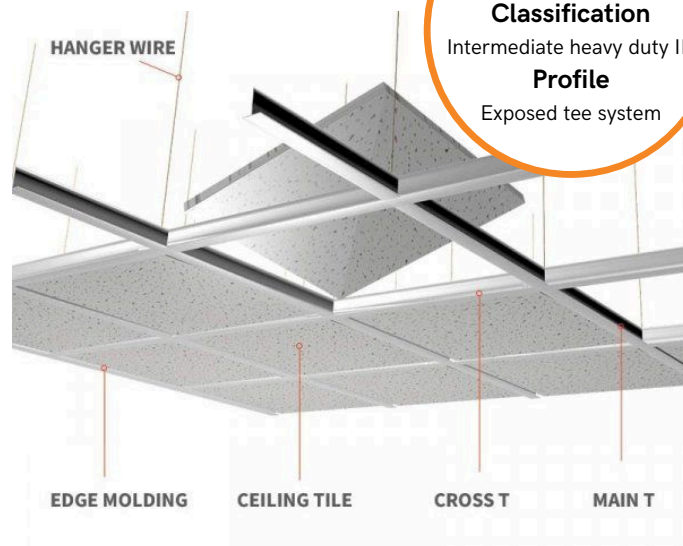
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

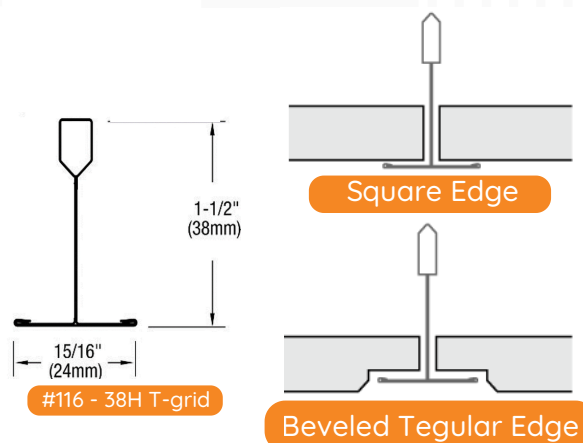
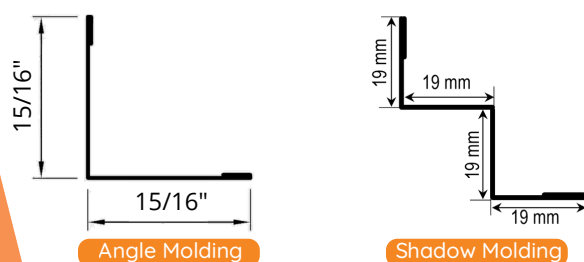
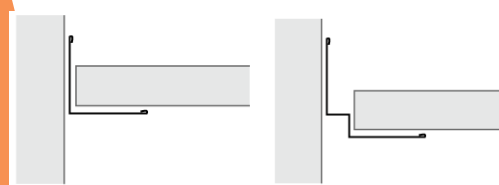
Baked polyester paint

Classification

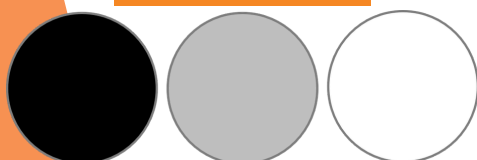
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

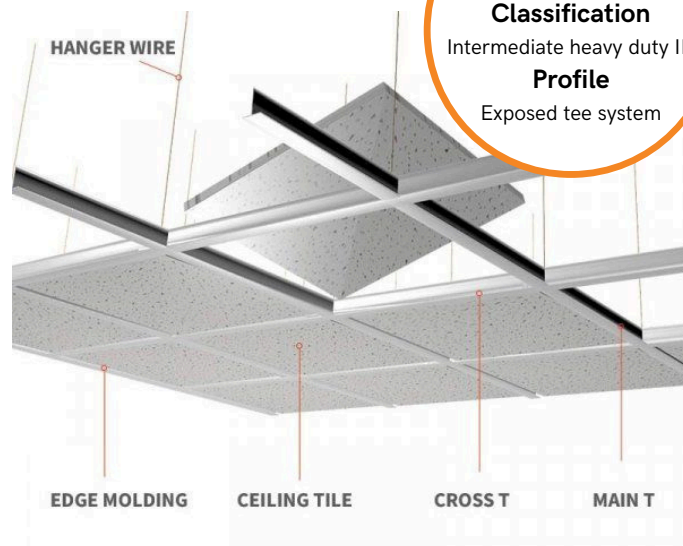
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



Surface Finish

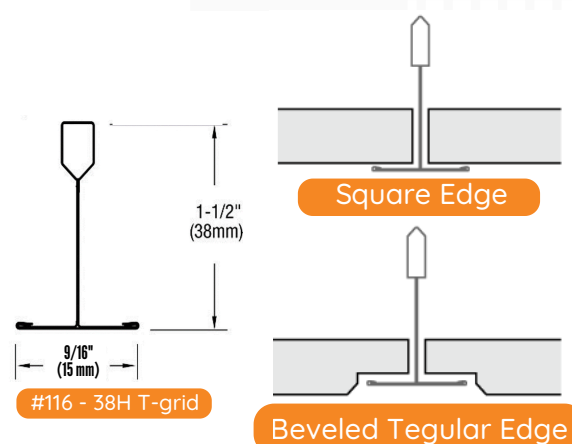
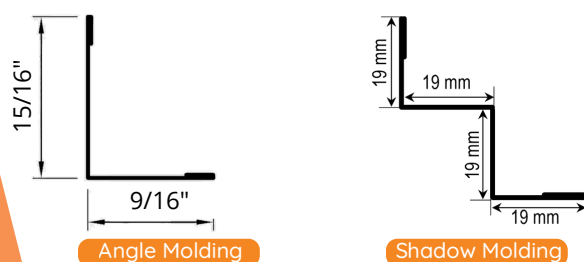
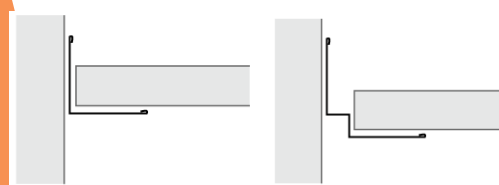
Baked polyester paint

Classification

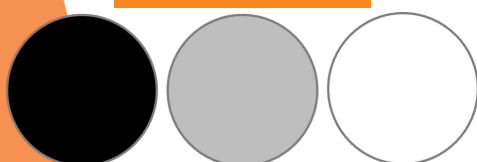
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



BENNERLAST



This product has the following subscriptions:

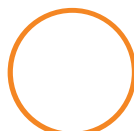


Characteristic	Technical Data	
Thickness	5/8"	3/4"
Sizes	2' x 2' 2' x 4'	2' x 2' 2' x 4'
Raw Material	Wet formed mineral fiber & fiberglass tissue	Wet formed mineral fiber & fiberglass tissue
Surface Finish	Fiberglass tissue & factory latex paint	Fiberglass tissue & factory latex paint
Density	260-300 kg/m3	260-300 kg/m3
Noise Reduction Coefficient (NRC)	0.65	0.75
Ceiling Attenuation Class (CAC)	36	40
Fire Resistance	Class A in accordance with ASTM E84	Class A in accordance with ASTM E84
Humidity Resistance (RH)	95% to 99%	95% to 99%
Microbial Resistance	Highly resistant ASTM D6329	Highly resistant ASTM D6329
Light Reflective	0.85	0.85
Environment	Contains recycled material	Contains recycled material
Meets highest air quality standards (ASTM D5116)		



Standard color:

Item #
1515



white

Specialty colors:



black



Painted

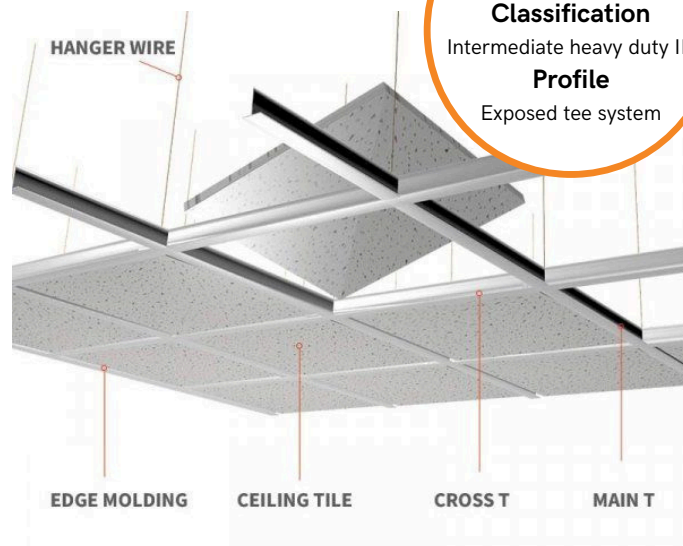
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

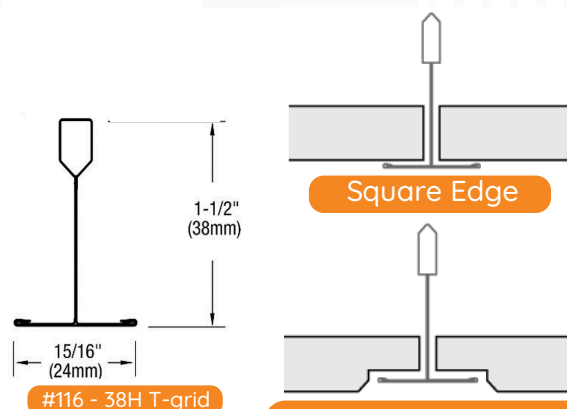
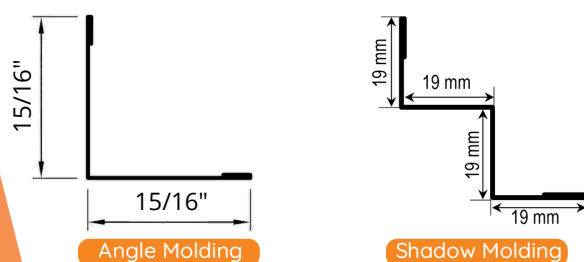
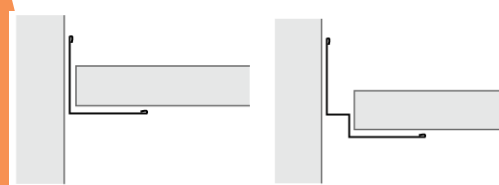
Baked polyester paint

Classification

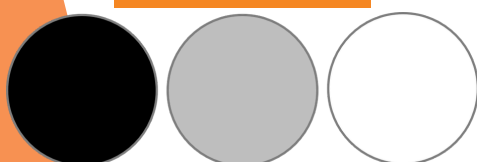
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



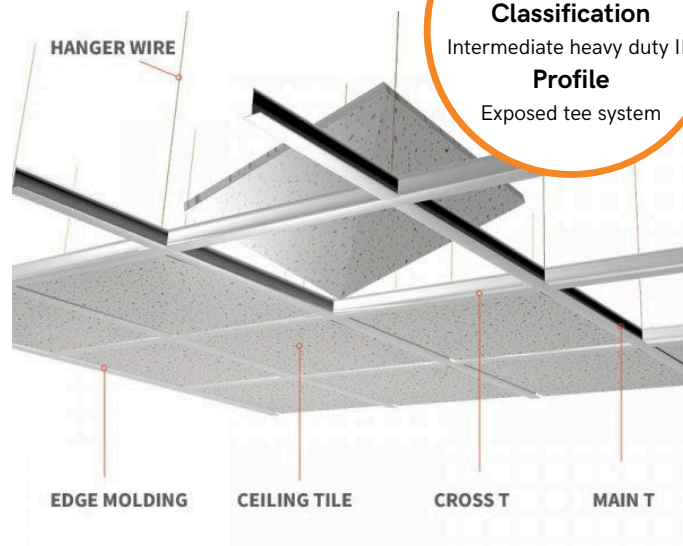
PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.



Surface Finish

Baked polyester paint

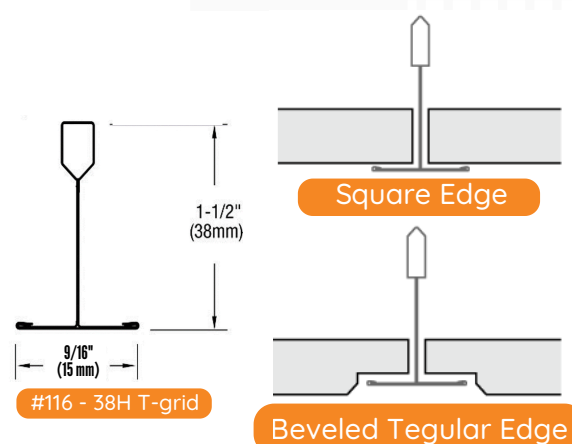
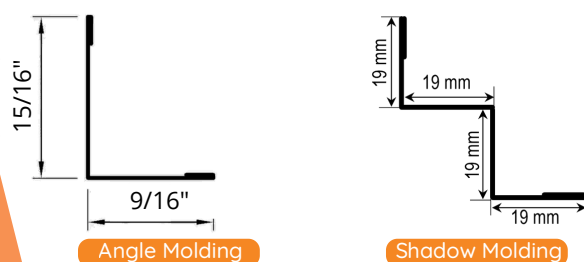
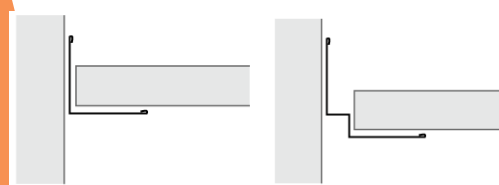
Classification

Intermediate heavy duty ID

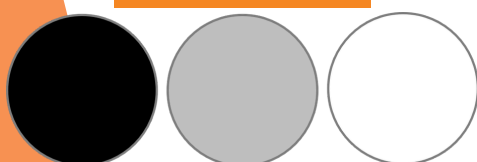
Profile

Exposed tee system

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



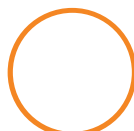
BENNERGLASS PRO



Characteristic	Technical Data	
Sizes	2' x 2' x 3/4" 2' x 2' x 1" 2' x 2' x 1 ½ "	2' x 4' x 3/4" 2' x 4' x 1" 2' x 4' x 1 ½ "
Raw Material	Fiberglass with white transparent membrane	
Surface Finish	Factory applied vinyl latex paint	
Density	Varied by model	
Noise Reduction Coefficient (NRC)	0.90 – 0.95	
Ceiling Attenuation Class (CAC)	30	
Fire Resistance	Class A in accordance with ASTM E84	
Humidity Resistance (RH)	95% to 99%	
Microbial Resistance	Highly resistant ASTM D6329	
Light Reflective	0.88	
Environment	Contains recycled material	
Meets highest air quality standards (ASTM D5116)		



Standard color:



white

Specialty colors:



black



painted

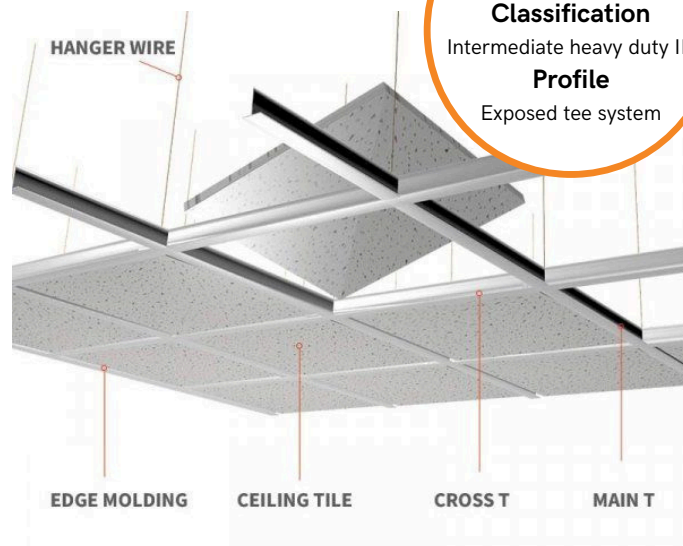
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

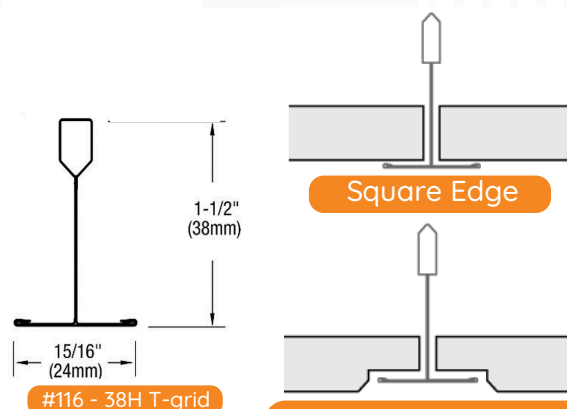
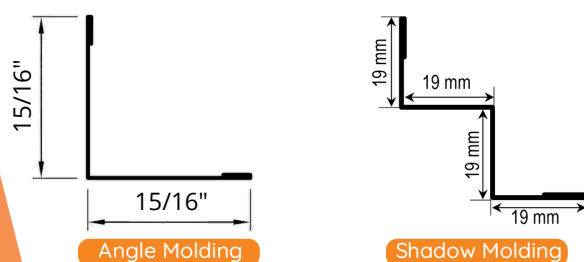
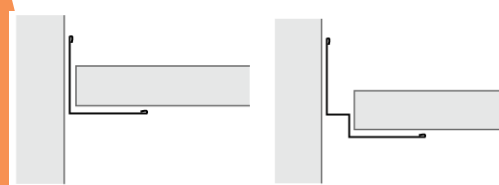
Baked polyester paint

Classification

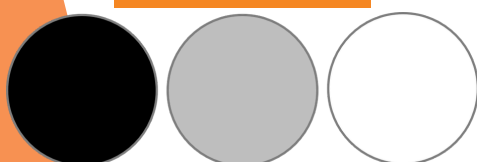
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

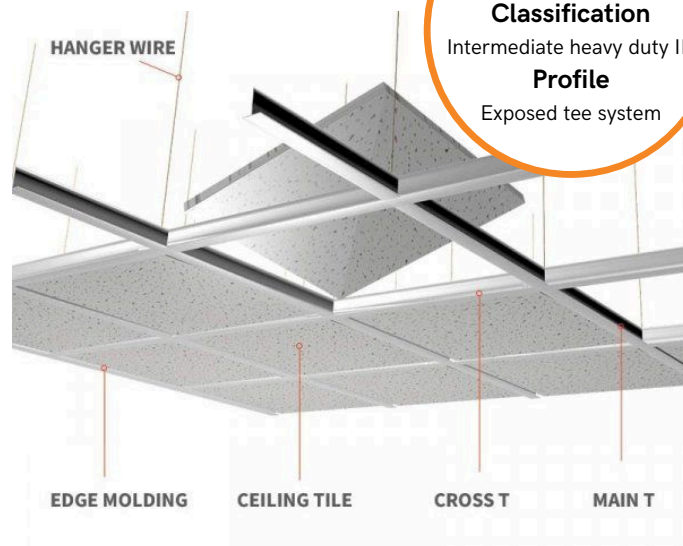
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



Surface Finish

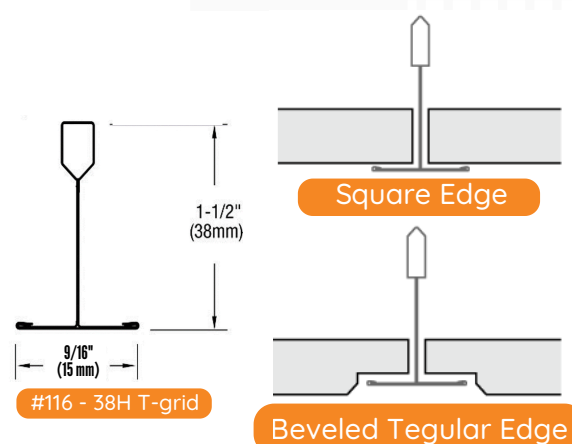
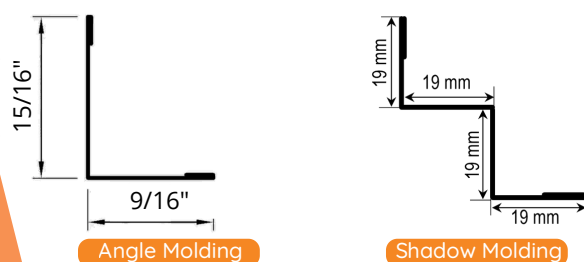
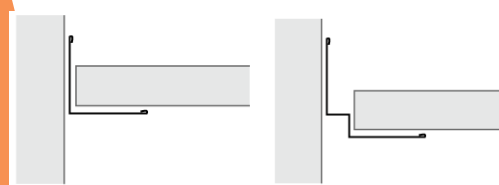
Baked polyester paint

Classification

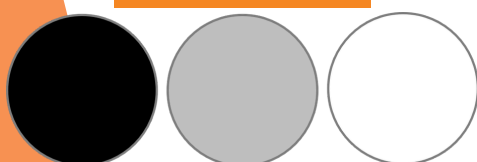
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



BENNERGLASS



This product has the following subscriptions:



Characteristic	Technical Data	
Sizes	2' x 2' x 3/4" 2' x 2' x 1" 2' x 2' x 1 ½ "	2' x 4' x 3/4" 2' x 4' x 1" 2' x 4' x 1 ½ "
Raw Material	Fiberglass woold with PVC laminated film	
Surface Finish	Washable Vinyl Film Facing	
Density	Varied by model	
Noise Reduction Coefficient (NRC)	0.70	
Ceiling Attenuation Class (CAC)	40	
Fire Resistance	Class A in accordance with ASTM E84	
Humidity Resistance (RH)	95% to 99%	
Microbial Resistance	Highly resistant ASTM D6329	
Light Reflective	0.72	
Environment	Contains recycled material	
Meets highest air quality standards (ASTM D5116)		



Standard color:

Item #
1610
1611



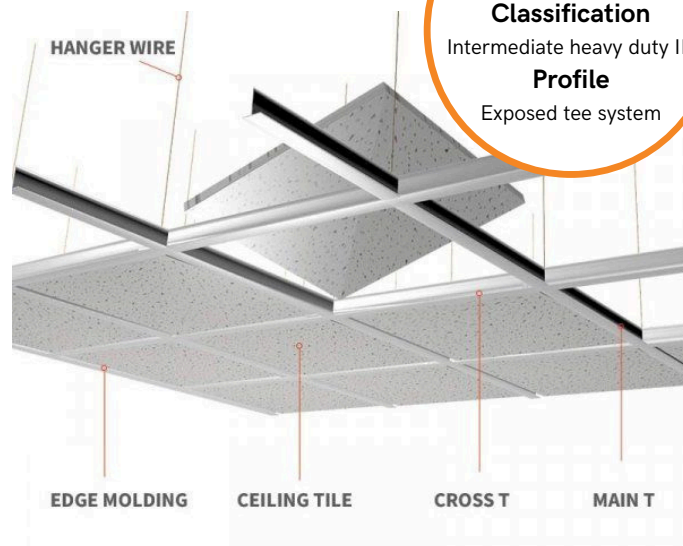
white

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

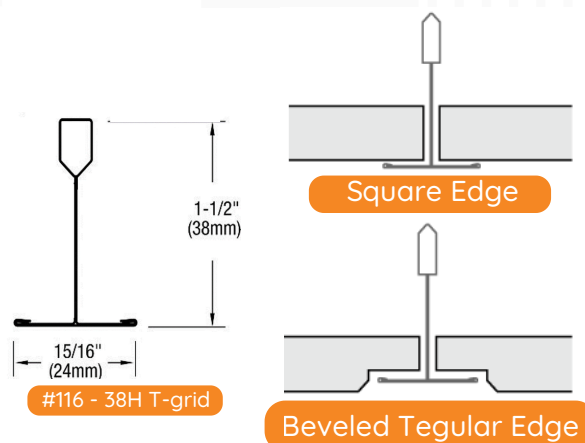
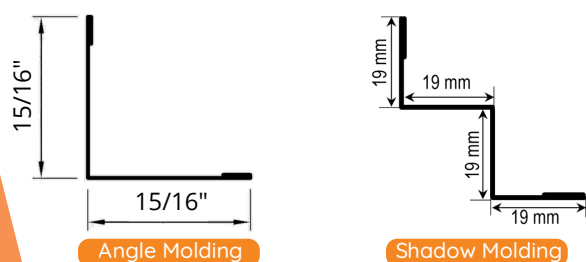
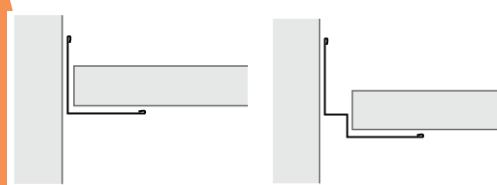
Baked polyester paint

Classification

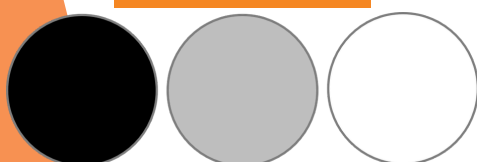
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

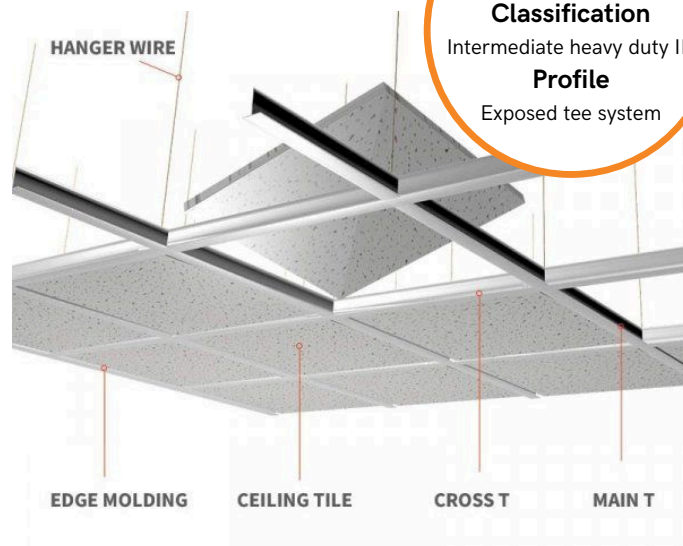
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



Surface Finish

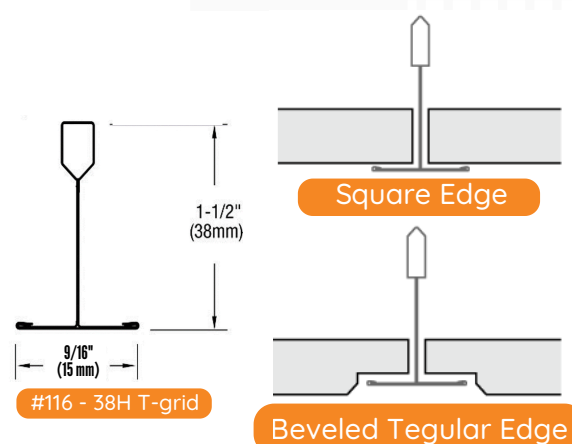
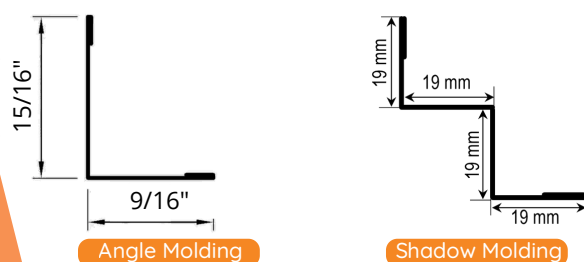
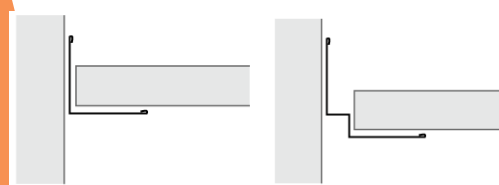
Baked polyester paint

Classification

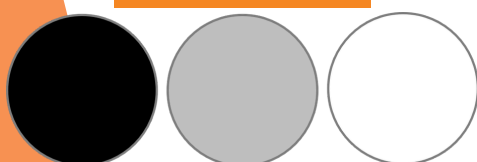
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Technical Data Sheet



BENNERPVC



This product has the following subscriptions:

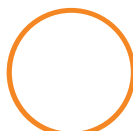


Characteristic	Technical Data
Thickness	3/8"
Sizes	2' x 2' 2' x 4'
Raw Material	Gypsum Board Substrate
Surface Finish	PVC Vinyl Laminated / Foil Backing
Density	3.2 kg
Noise Reduction Coefficient (NRC)	N/A
Ceiling Attenuation Class (CAC)	35
Fire Resistance	Class A in accordance with ASTM E84
Humidity Resistance (RH)	95% to 99%
Microbial Resistance	Highly resistant ASTM D6329
Light Reflective	0.75
Environment	Contains recycled material
Meets highest air quality standards (ASTM D5116)	



Standard color:

Item #
3111
3112



white

Specialty colors:



black



painted

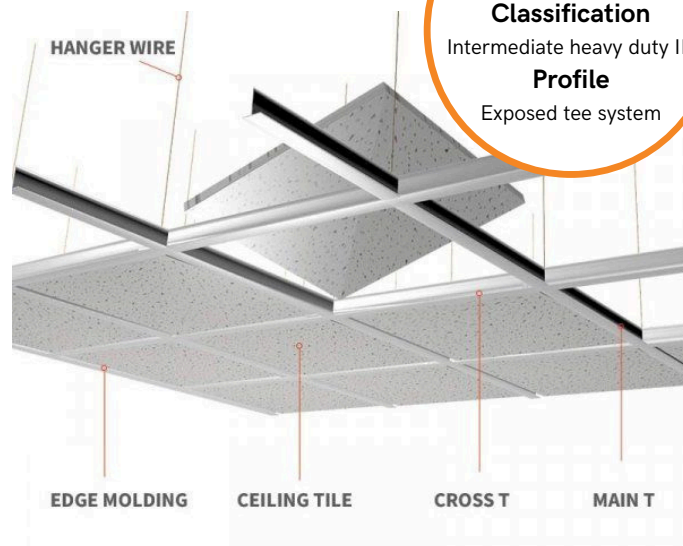
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 15/16" x 142"



Surface Finish

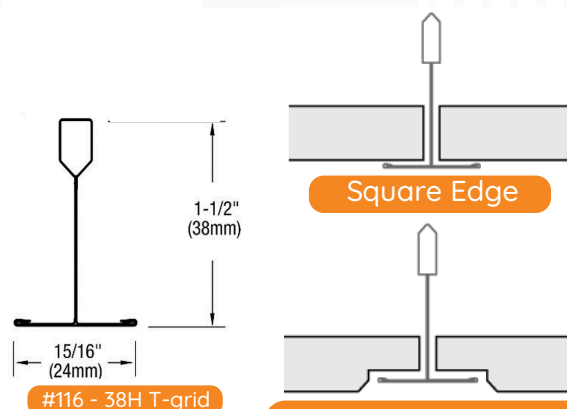
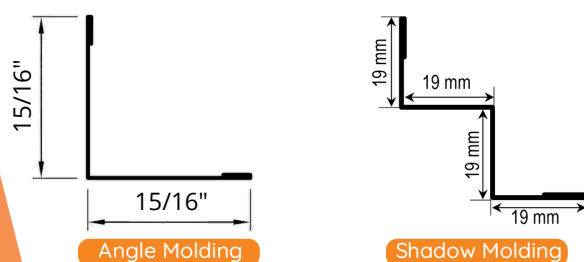
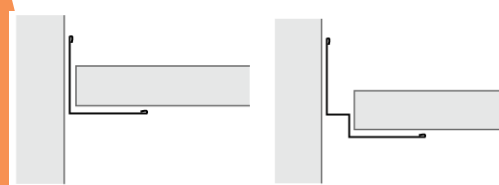
Baked polyester paint

Classification

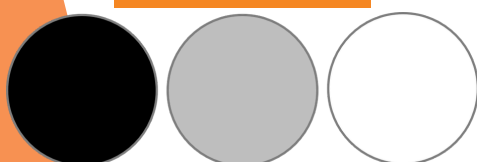
Intermediate heavy duty ID

Profile

Exposed tee system



COLOR CHART



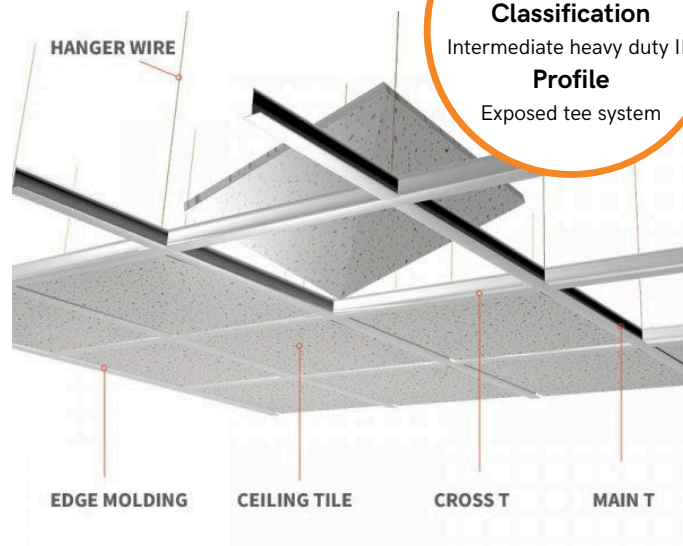
PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles

Suspension System 9/16"

BENEFITS:

- Hot dipped galvanized coating inhibits red rusting better than electrogalvanized.
- System is engineered and designed to fit and provide high quality finish.
- Main Tee easy profile for installation with Cross Tee.
- Increased strength and stability for improved performance.
- Easy to cut.
- Rotary stitched for additional torsional strength and extra stability during installation.
- Faster and easier insertion/installation of cross tees.
- Tighter tee to tee connection.
- Better load carrying capability.



Surface Finish

Baked polyester paint

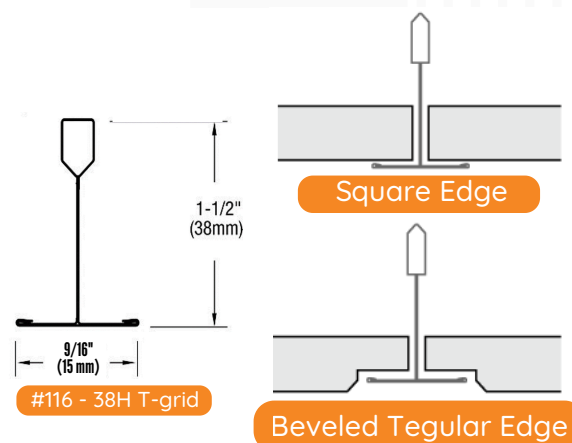
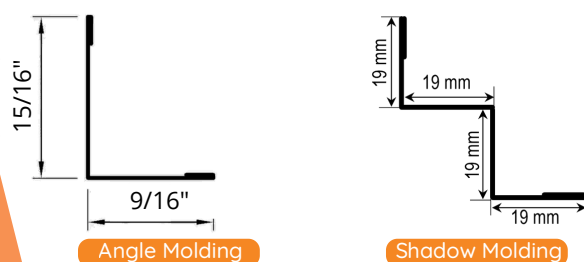
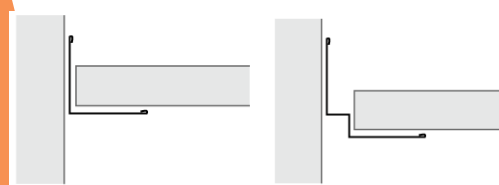
Classification

Intermediate heavy duty ID

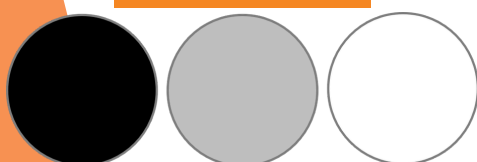
Profile

Exposed tee system

Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
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#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	15/16" x 9/16" x 142"



COLOR CHART



PHYSICAL DATA

Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross Tee – 299 / 5
Materials	Components in general galvanized steel cap Fire rated commercial conditions Hot – dipped galvanized steel body
Requirements	Meets with all international code including seismic. Complies with ASTM C635
Application	Applicable to various types of buildings and/or mayor brand ceiling tiles