Technical Data Sheet

BENNERWINTER

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:

white

Specialty colors:

black painted

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

Technical Data Sheet

BENNERDU

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:

white

Specialty colors:

black painted

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

Technical Data Sheet

BENNERFINE

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:

white

Specialty colors:

black painted

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

Technical Data Sheet

BENNERLAST

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:

white

Specialty colors:

black painted

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

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)		

NRC CAC

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.

Technical Data Sheet

BENNERGLASS

This product has the following subscribtions:

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:

white

Technical Data Sheet

BENNERPVC

This product has the following subscribtions:

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)	

NRC CAC

Standard color:

white

Specialty colors:

black painted

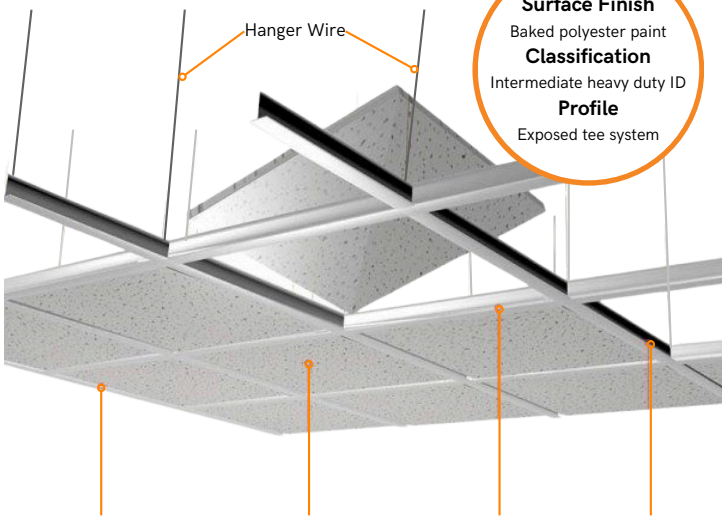
Specialty colors are subject to a 5,000 square foot minimum purchase. They have no guarantee on color.

Suspension System 15/16"

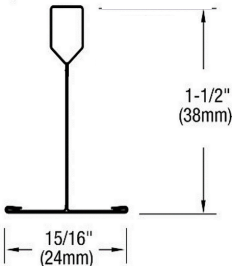
BENEFITS:

- 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 croos tees.
- Tighter tee to tee connection.
- Better load carrying capability.

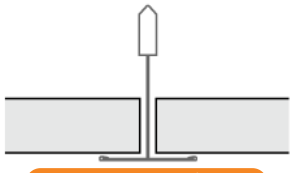
Surface Finish
Baked polyester paint
Classification
Intermediate heavy duty ID
Profile
Exposed tee system

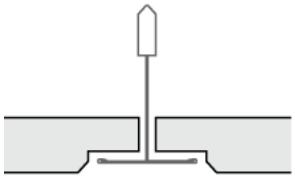


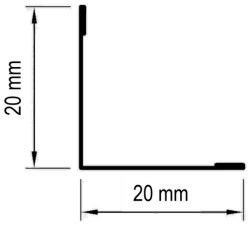
Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	Main T	1 ½" x 15/16" x 144"
	Cross T	1 ½" x 15/16" x 24" 1 ½" x 15/16" x 48"
#116-38H T-grid (9/16 SYSTEM)	Main T	1 ½" x 9/16" x 144"
	Cross T	1 ½" x 9/16" x 24" 1 ½" x 9/16" x 48"
Wall Molding	L shape	25/32" x 25/32" x 142"



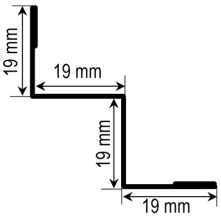
#116 - 38H T-grid


Square Edge

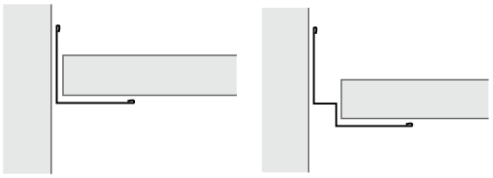

Beveled Tegular Edge



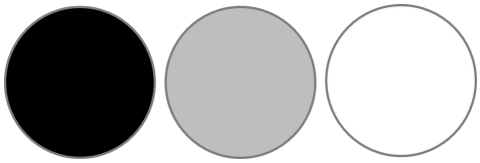
Angle Molding



Shadow Molding



COLOR CHART



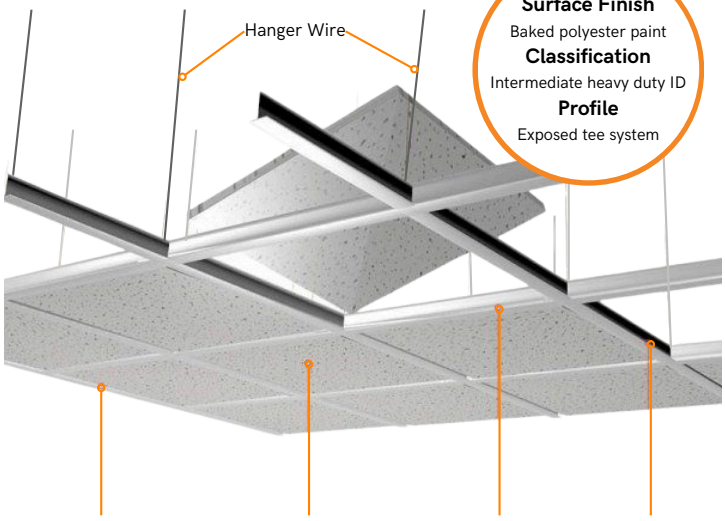
PHYSICAL DATA	
Type	38 H – Heavy Duty Suspension System
Intended use	As a support system in conjunction with various types of Benner Ceiling Tiles and other brands.
End detail	Main tee (12' / HD) Cross Tee (2' / 4' / HD) Wall Angle (HD)
Seismic performance	Compression / tension Main beam – 365 / 7 Cross 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"

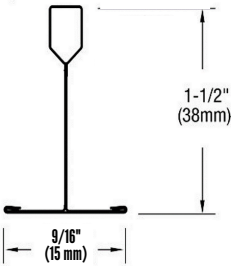
BENEFITS:

- 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 croos tees.
- Tighter tee to tee connection.
- Better load carrying capability.

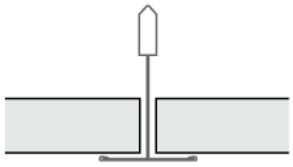
Surface Finish
Baked polyester paint
Classification
Intermediate heavy duty ID
Profile
Exposed tee system

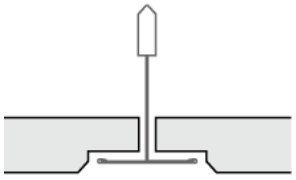


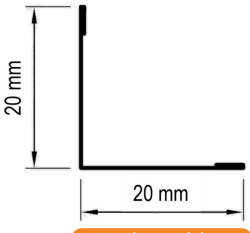
Code	Type	Dimension
#116-38H T-grid (15/16 SYSTEM)	**Main T**	**1 ½" x 15/16" x 144"**
	Cross T	**1 ½" x 15/16" x 24"** **1 ½" x 15/16" x 48"**
#116-38H T-grid (9/16 SYSTEM)	**Main T**	**1 ½" x 9/16" x 144"**
	Cross T	**1 ½" x 9/16" x 24"** **1 ½" x 9/16" x 48"**
Wall Molding	**L shape**	**25/32" x 25/32" x 142"**



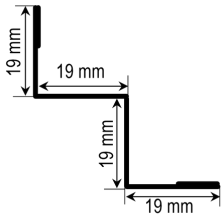
#116 - 38H T-grid


Square Edge

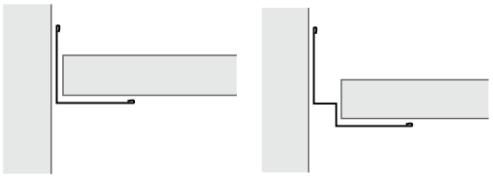

Beveled Tegular Edge



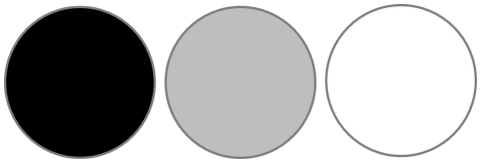
Angle Molding



Shadow Molding



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