



JEA Steel Industries, Inc.

A member of DN Steel Group of Companies

JEA-MAXX[®]
LIGHT STEEL FRAMES

JFK[®] METAL SYSTEM
(for ceiling & partition)

JAMECA[®]
ALUMINUM CEILING PANEL

CMT[™]
Suspended Ceiling System

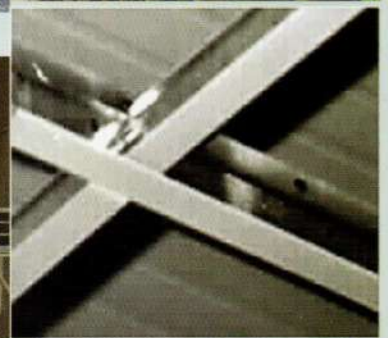
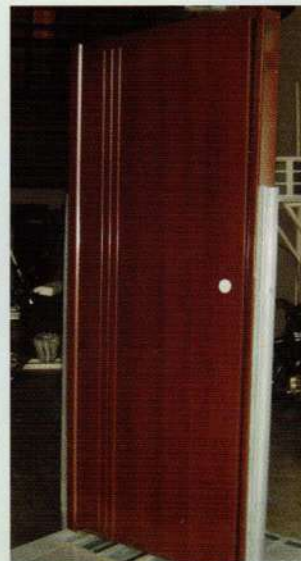
Jastin[®]
Steel Door

JHAMBBA[®]
Single & Double Rabbet Steel Door Frames

Jeaspan
[C-PURLINS]

JEA SPAN 45[®]
HAT TYPE PURLIN

MAXIWALL
CAST-ON-SITE WALL SYSTEM



JEA-MAXX[®]

LIGHT STEEL FRAMES



CEILING ASSEMBLIES

FURRING CHANNEL

19mm (3/4") x 50mm (2") x 5m (16ft)
Installed in the ceiling with maximum interval of 24" or 610mm.

CARRYING CHANNEL

12mm (1/2") x 38mm (1 1/2") x 5m (16ft)
Attached perpendicularly with maximum interval of 4ft or 1220mm.

WALL ANGLE

25mm (1") x 25mm (1") x 2.4m (8ft) with thickness of 0.40mm (#26) up to 0.60mm (#24).

W-CLIP

It clips the JEA-MAXX Furring and Carrying Channel.



DRYWALL ASSEMBLIES

STUD

Installed vertically inside the tracks by stud screw or blind rivets with maximum spacing of 610mm (24"). It holds the boards. Size varies from 51mm (2"), 64mm, (2 1/2"), 76mm (3"), 92mm (3 1/2") & 102mm (4") with length of 2.4m (8ft) and 3.0m (10ft).

TRACK

Size varies from 51mm, 64mm, 76mm, 92mm & 102mm. Standard length of 2.4m (8ft to 3.0m (10ft))

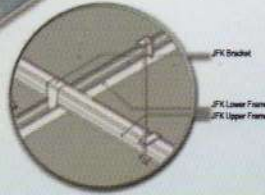
JFK[®] METAL SYSTEM

(for ceiling & partition)



* This system uses minimum component which provided added value in:

- ease of installation
- ease of estimation
- reduce of waste material



JAMECA[®]

ALUMINUM CEILING PANEL



600mm x 600mm and 600mm x 1200mm PERFORATED (Bone White)



600mm x 600mm PERFORATED (Metallic Silver)



600mm x 600mm VISIONAL SERIES

- Aluminum panel with felt in-fill for easy & inexpensive application
- Powder coated aluminum
- Interior ceiling applications for convention center, hospitals, airports, hotels & supermarkets

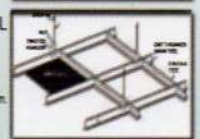
CLIP-IN PANEL

Size : 600mm x 600mm
T = 0.70mm
Hole Diameter: 1.9MM / 2.9MM
Triangle Keel : Length = 3.0 M / pc



LAY-IN PANEL

Size : 600mm x 600mm
T = 0.70mm
Hole Diameter: 2.2MM
Height : 1.94 kg / sq.m



CEILING HATCH ALUMINUM
Size : 610mm x 610mm / Finish : Bare

CMT[™]

Suspended Ceiling System



MAIN TEE

Size: 1" x 1 1/2" x 12"

CROSS TEE

Size: 1" x 1" x 2' or 4'

WALL ANGLE

Size: 1" x 1" x 10"

- Oven - baked tile - white finish
- Straight push-in joinery with "stepped edge" for a clean main & cross tee intersection
- Interlocking system engineered for fire protection
- Hanger holes engineered for installation flexibility

JASTIN[®]

STEEL DOOR



GP - 108 GP - 146 GP - 101 WG-6105

Sizes Available:

- * (Door Leaf) 800mm x 2100mm x 50mm (Left / Right)
- * (Door Leaf) 900mm x 2100mm x 50mm (Left / Right)

Accessories:

- * Door Jamb Frame
- * Rubber Strip
- * Spreader Bar

Finishes:

Gray Paint
Wood Grain

Packing:

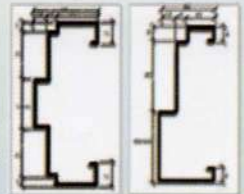
Protective film, bubble wrap and thin carton

JHAMBBA[®]

Single & Double Rabbet Steel Door Frames



- It will not rot, shrink, crack or warp
- Vermin-proof, thus can be used as both interior and exterior door frames
- Made from cold-rolled steel
- Suitable for all types of residential & commercial applications



Jamb Depths : 3, 4, 5 & 6 inches
Height : 2100mm
Width : 700mm, 800mm & 900mm

JEASpan[®]

[C-PURLINS]



DURABLE

Corrosion-resistant
Can stand years of exposure

ECONOMICAL

Less labor cost
Less maintenance needs

Comes in different sizes of
3, 4, 6 & 7 inches

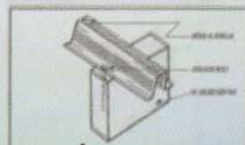
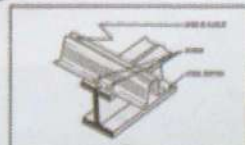
Available thickness of 0.7mm up to 1.6mm
in standard 6m and cut-to-size length

JEA SPAN 45[®]

HAT TYPE PURLIN



Metal Thickness : 0.8mm
Yield Strength : 80,000 psi
Coating : Galvanized
Length : Transportable
Top Width : 25mm
Depth : 45mm
Weight : 0.91 kg/m



MAXIWALL[®]

CAST-ON-SITE WALL SYSTEM

Creating a New Dimension in Building
DURABLE & SOLID WALLS



Permanent formworks for concrete walls. The forms are made from non-asbestos fiber cement sheets that serve as the finished wall surface. MAXIWALL Panels are concrete filled & structurally reinforced with reinforcing bars on site. Once installed, MAXIWALL Panels form a monolithic, structural load bearing / shear walls that are 6x stronger than C.H.B. (conventional hollow blocks).

- Minimal manpower required, faster construction time
- High concrete wall strength at a minimum of 1500Psi to 3000Psi (6x stronger vs. CHB)
- Ready to paint wall surface without using concrete neutralizer and no need for plastering
- Predictable bill of materials
- More useable space due to consistent wall thickness and NO protruding columns & beams (clean wall corners, better interior designs)

Not all Light Steel Frames are the same . . .

JEA-MAXX[®]

LIGHT STEEL FRAMES

The 1st Quality Light Steel Frames for Walls & Ceilings

LEED CERTIFIED



For **STRENGTH**

- Reliable screw-holding strength to hold heavy boards

For **SAFETY**

For **PREVENTING UNNECESSARY REPAIRS**

- Avoid sagging "paglundo" of ceilings

For **GETTING YOUR MONEY'S WORTH**

REFERENCE COMPUTATION ONLY (Area x Factor = Qty)

Ceiling

PRODUCTS	SIZE/GAUGES	FACTOR
Furring Channel (spaced at 0.6m)	19mmx50mmx5.0m, T=0.40mm	area 0.34
Carrying Channel (spaced at 1.2m)	12mmx38mmx5.0m, T=0.80mm	area 0.19
Wall Angle	25mmx25mmx2.4m, T=0.40mm	area 0.22
W-Clip		area 1.60
Suspension Clip & Rod Joiner		area 0.82
Steel Angle		area 0.82
Hanger Rod #8 / 1m		area 0.82
Blind Rivets	1/8 x 3/8 (4 - 4)	area 3.36
Concrete Nail / kg	1"	area 0.01

Drywall Partition

Studs (spacing 600mm, o.c.)	35mmx76mmx3.0m, T=0.5mm	area 0.70
Tracks (top & bottom only)	35mmx76mmx3.0m, T=0.5mm	area 0.35
Blind Rivets	1/8 x 3/8 (4 - 4)	studs x8



TERMITE PROOF

Prevents unnecessary repairs



DURABLE

Safe because it is rust free



FIRE RESISTANT

Gives peace of mind



EASY TO INSTALL

Saves time & labor costs



LIGHT WEIGHT

Safe & extra savings on foundation cost



ENVIRONMENT FRIENDLY



JEA Steel Industries, Inc.



JEA-MAXX[®]

LIGHT STEEL FRAMES

The 1st Quality Certified Light Steel Frames for Walls & Ceilings

CEILING ASSEMBLIES

FURRING CHANNEL

19mm (3/4") x 50mm (2") x 5m (16ft) is the standard size. JEA-MAXX Furring is installed in the ceiling with maximum interval of 24" or 610mm.

CARRYING CHANNEL

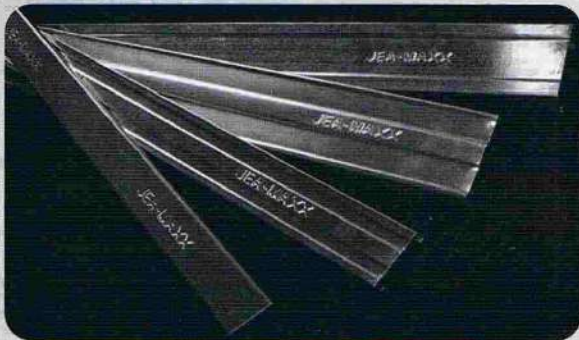
12mm (1/2") x 38mm (1 1/2") x 5m (16ft) is the standard size. Attached perpendicularly to JEA-MAXX Furring with maximum interval of 4ft or 1220mm.

WALL ANGLE

25mm (1") x 25mm (1") x 2.4m (8ft) with thickness of 0.40mm (#26) up to 0.60mm (#24). Attached to the perimeter wall by a concrete nail or any fastening materials. It carries the end of JEA-MAXX Furring and end of boards.

W-CLIP

It clips the JEA-MAXX Furring and Carrying Channel.



INSTALLATION GUIDE (Ceiling)

- 1.) Layout the perimeter height.
- 2.) Attach the JEA-MAXX wall angle to the perimeter wall.
- 3.) Fix & align accurately the JEA-MAXX steel angle with maximum interval of 1220mm (4ft).
- 4.) Tie the JEA-MAXX suspension rod securely to the steel angle.
- 5.) Attach the JEA-MAXX carrying channel to the suspension clip using rod joiner.
- 6.) Connect the JEA-MAXX furring channel to JEA-MAXX carrying channel using the w-clip. JEA-MAXX furring channel can be spaced at 406mm or 16" up to 610mm or 24".
- 7.) Ceiling boards (gypsum or fiber cement) are attached to the JEA-MAXX furring by gypsum screw or ficem screw.



DRYWALL ASSEMBLIES

STUD

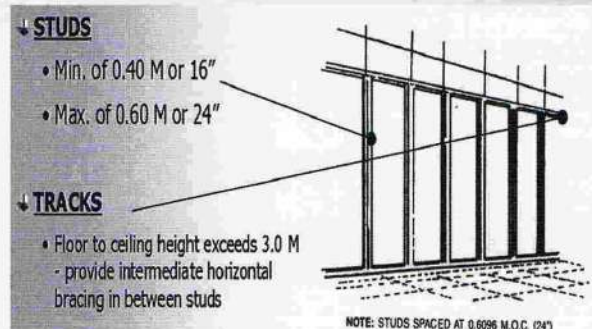
It is installed vertically inside the tracks by stud screw or blind rivets with maximum spacing of 610mm (24"). It also holds the boards. Size varies from 51mm (2"), 64mm (2 1/2"), 76mm (3"), 92mm (3 1/2") & 102mm (4") with length of 2.4m (8ft) and 3.0m (10ft) approximately.

TRACK

Size varies from 51mm, 64mm, 76mm, 92mm & 102mm with standard length of 2.4m (8ft to 3.0m (10ft) approximately. Placed on the floor by a concrete nail, tox or any fastening material.

INSTALLATION GUIDE (Drywall)

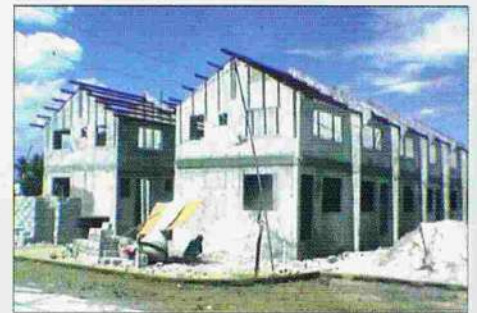
- 1.) Layout and attach the JEA-MAXX tracks on the floor and ceiling.
- 2.) Connect the JEA-MAXX studs to the tracks with maximum interval of 406mm or 16" up to 610mm or 24" using blind rivets or studs screw. No need for a horizontal bracing if there is an interval of 610mm or 24" with not more than 3.0 meters in height.
- 3.) Place the gypsum board or fiber cement board using a drywall screw.



Jeaspan[®]

C - PURLIN

**Tibay Laban sa KALAWANG
Basta't Galbanisado**



DURABLE

Corrosion-resistant
Can stand years of exposure

ECONOMICAL

Less labor cost
Less maintenance needs

Comes in different sizes of
3, 4, 6 & 7 inches

Available thickness of 0.7mm up to 1.6mm
in standard 6m and cut-to-size length



JEA Steel Industries, Inc.



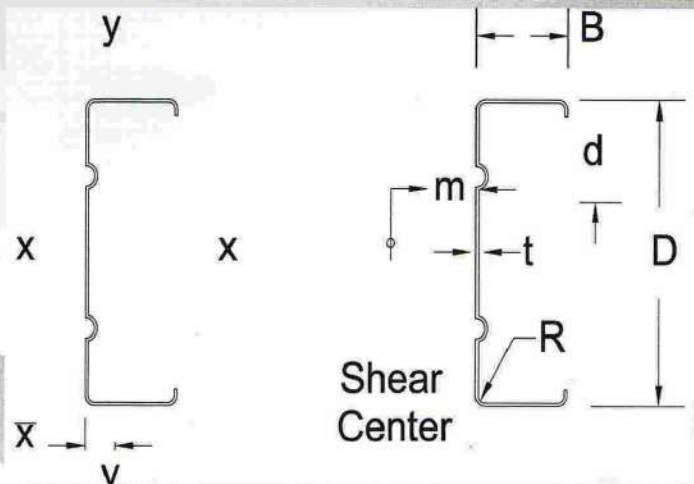
Gross Section Properties C-Sections with Lips

75, 100, 150, 175

ID	Dimension							Properties of Full Section												
	D	B	t	d	R	Area	wt/m	Axis-x-x			Axis-y-y				m	J	C _w	j	r _o	x _o
								I _x	S _x	r _x	I _y	S _y	r _y	x						
								1x10 ³ mm ⁴	1x10 ³ mm ³	mm	1x10 ³ mm ⁴	1x10 ³ mm ³	mm	mm						
mm	mm	mm	mm	mm	mm ²	kg	1x10 ³ mm ⁴	1x10 ³ mm ³	mm	1x10 ³ mm ⁴	1x10 ³ mm ³	mm	mm	mm	mm ⁴	1x10 ⁶ mm ⁶	mm	mm	mm	
JEA175CS50x1.45	175	50	1.45	20.0	5.00	448.01	3.508	1,808.960	20.674	63.54	149.951	4.174	18.29	14.07	21.72	313.98	1024.929	90.87	74.85	-35.07
JEA175CS50x1.15	175	50	1.15	20.0	5.00	356.40	2.791	1,445.484	16.520	63.68	120.896	3.362	18.42	14.04	21.86	157.12	831.565	90.96	75.12	-35.33
JEA175CS50x0.95	175	50	0.95	20.0	5.00	295.02	2.310	1,200.058	13.715	63.78	100.965	2.806	18.50	14.02	21.96	88.75	697.389	91.02	75.30	-35.50
JEA150CS45x1.45	150	45	1.45	8.0	5.00	362.46	2.838	1,078.251	14.377	54.54	79.099	2.177	14.39	10.50	16.42	254.03	342.197	83.82	62.20	-26.20
JEA150CS45x1.15	150	45	1.15	8.0	5.00	288.55	2.259	863.139	11.509	54.69	60.834	1.762	14.52	10.47	16.58	127.20	279.176	83.89	62.47	-26.47
JEA150CS45x0.95	150	45	0.95	8.0	5.00	238.97	1.871	717.436	9.566	54.79	50.962	1.475	14.60	10.44	16.68	71.89	234.984	83.94	62.65	-26.65
JEA100CS45x1.15	100	45	1.15	12.5	5.00	241.40	1.890	367.979	7.360	39.04	63.639	2.071	16.24	14.28	19.98	106.42	144.902	56.44	54.06	-33.68
JEA100CS45x0.95	100	45	0.95	12.5	5.00	200.02	1.566	306.172	6.123	39.12	53.257	1.733	16.32	14.26	20.08	60.17	122.141	56.59	54.26	-33.87
JEA100CS45x0.75	100	45	0.75	12.5	5.00	158.38	1.240	243.451	4.869	39.21	42.590	1.385	16.40	14.25	20.17	29.17	98.384	56.74	54.45	-34.05
JEA75CS45x1.15	75	45	1.15	10.5	5.00	208.05	1.629	188.438	5.025	30.10	53.747	1.822	16.07	15.50	20.35	91.72	70.853	49.16	49.08	-35.28
JEA75CS45x0.95	75	45	0.95	10.5	5.00	172.47	1.350	157.027	4.187	30.17	45.000	1.525	16.15	15.49	20.44	51.88	59.885	49.34	49.28	-35.46
JEA75CS45x0.75	75	45	0.75	10.5	5.00	136.63	1.070	125.049	3.335	30.25	36.005	1.220	16.23	15.48	20.53	25.62	48.367	49.51	49.49	-35.54

Notes:

- I_x, I_y Moment of Inertia about centroidal principal axis
- S_x, S_y Section Modulus about centroidal principal axis
- r_x, r_y Radius of Gyration about centroidal principal axis
- m Distance between shear center and web centerline
- J St. Venant Torsion Constant
- C_w Warping Constant
- j Parameter used in determination of Elastic moment
- r_o Polar Radius of Gyration about shear center
- x_o Distance between centroid and shear center



JEA SPAN 45[®]

HAT TYPE PURLIN

JEA SPAN 45 Hat - Type Purlin

- is a light gauge, high tensile steel purlin developed for residential and commercial projects

Strong & Durable • Easy-to-Install
More Economical



Metal Thickness	: 0.8mm
Yield Strength	: 80,000 psi
Coating	: Galvanized
Length	: Transportable
Top Width	: 25m
Depth	: 45m
Weight	: 0.91 kg/m



JEA Steel Industries, Inc.



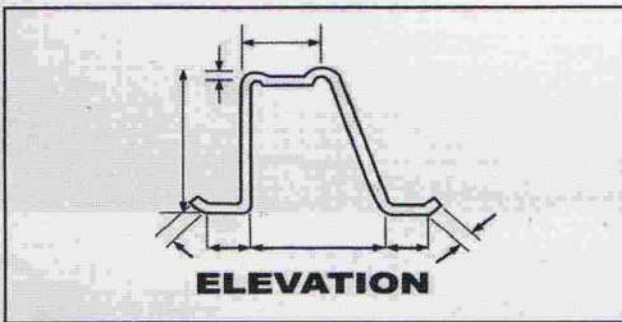
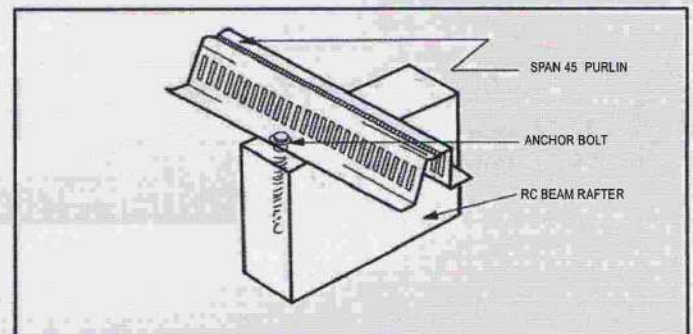
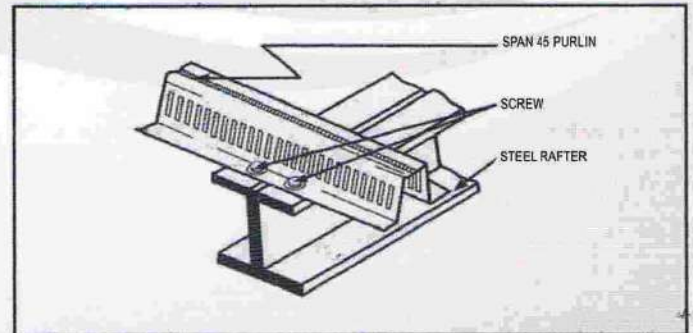
JEA SPAN 45[®]

HAT TYPE PURLIN

JEA SPAN 45 Hat - Type Purlin can be used for any type of roofing materials. i.e. G.I., roof tiles and shingles, etc.

For long - span or ordinary corrugated roofing the maximum rafter to rafter spacing is 2.5m and the maximum spacing of purlin is .70M O.C.

To connect the purlin to the rafter / truss use 1" teckscrew for steel.



ROOF SLOPE DEG. ANGLE	ALLOWABLE LOAD DUE TO BENDING			
	1.0M	S 1.5M	P 2.0M	A N 2.5M
0	157.0psf = 774.16 kg/m	69.8psf = 344.18 kg/m	39.3psf = 193.79 kg/m	25.1psf = 123.78 kg/m
10	159.4psf = 785.99 kg/m	70.9psf = 349.61 kg/m	39.9psf = 196.75 kg/m	25.5psf = 125.74 kg/m
15	162.5psf = 801.28 kg/m	72.2psf = 356.02 kg/m	40.6psf = 200.20 kg/m	26.0psf = 128.21 kg/m
20	167.1psf = 823.96 kg/m	74.3psf = 366.37 kg/m	41.8psf = 206.11 kg/m	26.7psf = 131.66 kg/m
25	173.2psf = 854.04 kg/m	77.0psf = 379.68 kg/m	43.3psf = 213.51 kg/m	27.7psf = 136.59 kg/m
30	181.3psf = 893.98 kg/m	80.6psf = 397.42 kg/m	45.3psf = 223.37 kg/m	29.1psf = 143.49 kg/m

ROOF SLOPE DEG. ANGLE	ALLOWABLE LOAD DUE TO DEFLECTION			
	1.0M	S 1.5M	P 2.0M	A N 2.5M
0, 10, 15 20, 25, 30	98.9psf = 487.67 kg/m	27.6psf = 136.09 kg/m	15.6psf = 76.92 kg/m	12.3psf = 60.65 kg/m

*** psf - pound per square foot

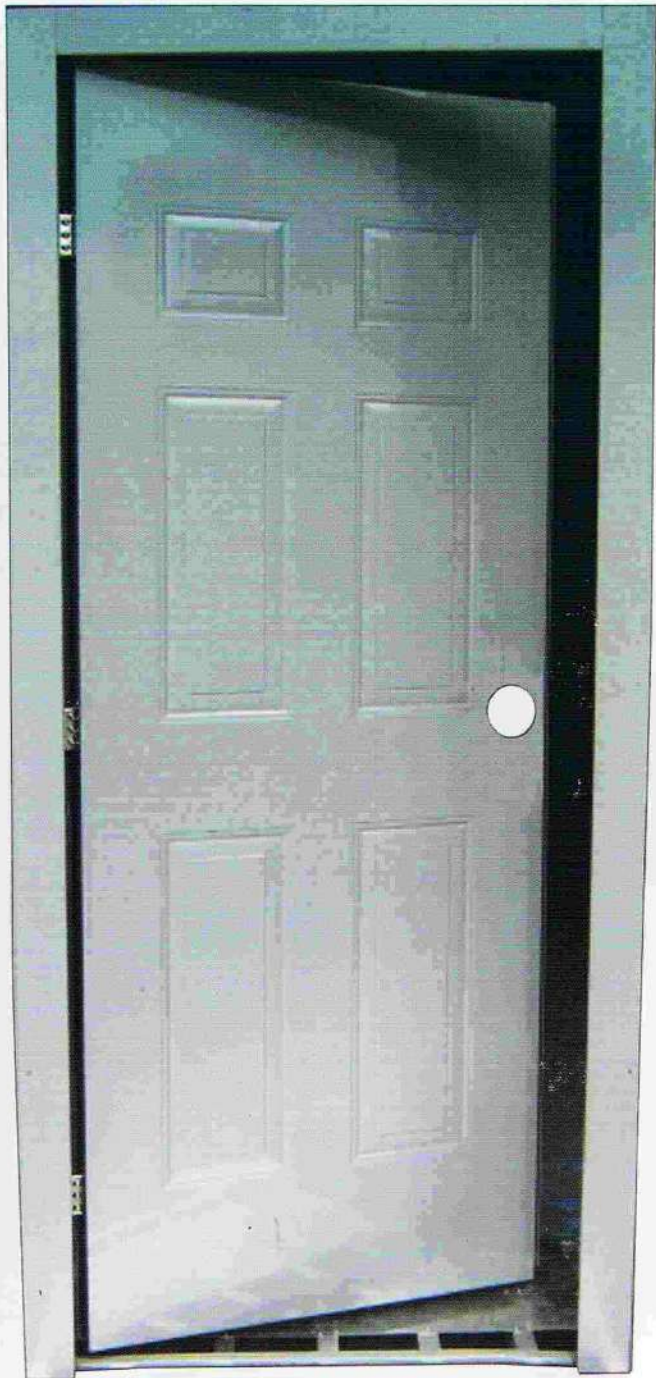


JEA Steel Industries, Inc.



Jastin[®]

Steel Door



GP - 108

Sizes Available:

- * (Door Leaf) 800mm x 2100mm x 70mm (Left / Right)
- * (Door Leaf) 900mm x 2100mm x 70mm (Left / Right)

Accessories:

- * Door Jamb Frame
- * Rubber Strip
- * Spreader Bar

Finishes:

- Gray Paint
- Wood Grain

Packing:

- Protective film, bubble wrap and thin carton



LEFT HAND
Hinges on Left
Opens Inward



RIGHT HAND
Hinges on Right
Opens Inward



GP - 146



GP - 101



WG - 6105

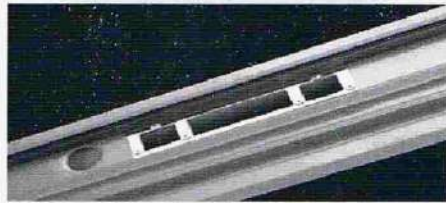


Jastin[®]

Steel Door



GP - 108



*** WORTH EVERY PESO**

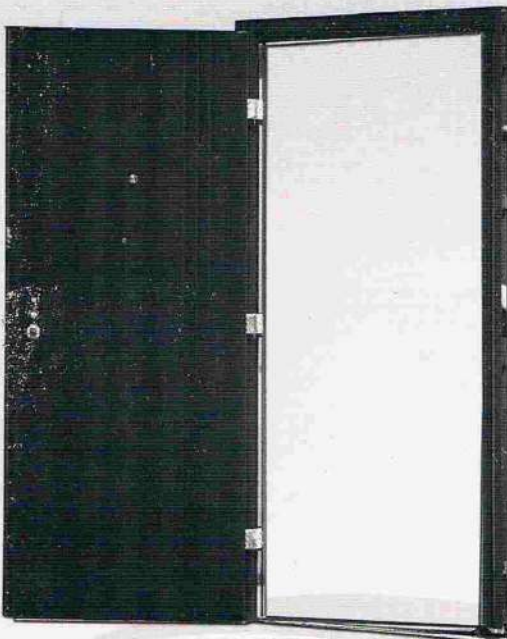
- durable
- will not rot, warp and infested by termites

*** CLASSIC & FUNCTIONAL-IN-ONE**

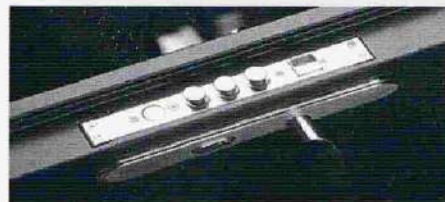
- standard designs
- can be painted by the end-user as per color preference

*** PEACE OF MIND**

- peephole, mortise lockset & concealed/hidden hinges that can swing beyond 90 degrees



WG - 6105



JHAMBA[®]

Single & Double Rabbet Steel Door Frames

**The Strength that last
for years...**



- ✓ Made from cold - rolled steel
- ✓ Suitable for all types of residential & commercial applications
- ✓ It will not rot, shrink, crack or warp
- ✓ It is vermin - proof thus, can be used as both interior and exterior door frames
- ✓ Comes in different jamb depths of 3, 4, 5 & 6 inches
- ✓ Height is 2100mm & Widths are 700mm, 800mm & 900mm

**With Medium - duty hinges / Pre-assembled
(also available: JHAMBA with Steel Door Panel)**

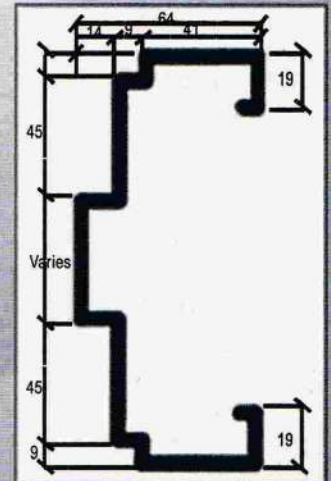
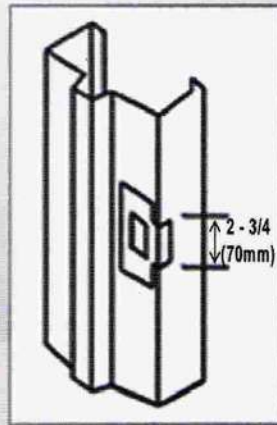


JEA Steel Industries, Inc.



JHAMBA®

Single & Double Rabbet Steel Door Frames

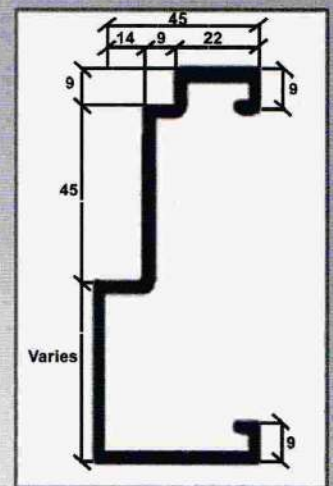
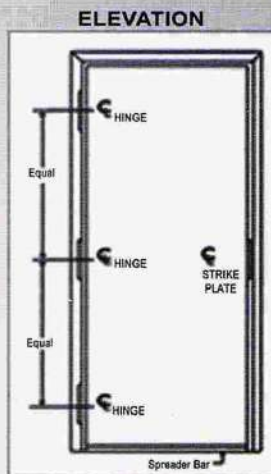


LEFT HAND
Hinges on Left
Opens inward



RIGHT HAND
Hinges on Right
Opens inward

Double Rabbet Frame
Ind'l Des. Reg. 3-2004-000520



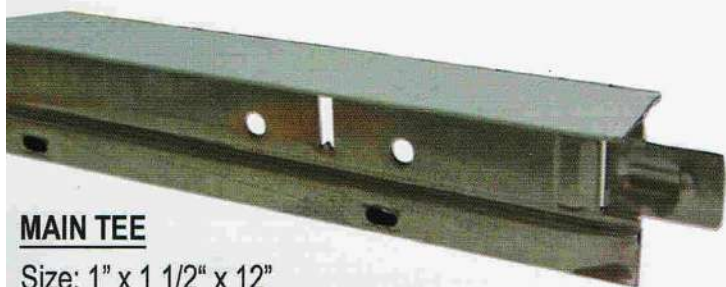
Single Rabbet Frame
Ind'l Des. Reg. 3-2004-000519



JEA Steel Industries, Inc.



**DESIGNED with
MAXIMUM FLEXIBILITY**



MAIN TEE

Size: 1" x 1 1/2" x 12"



CROSS TEE

Size: 1" x 1" x 2" or 4"



WALL ANGLE

Size: 1" x 1" x 10"

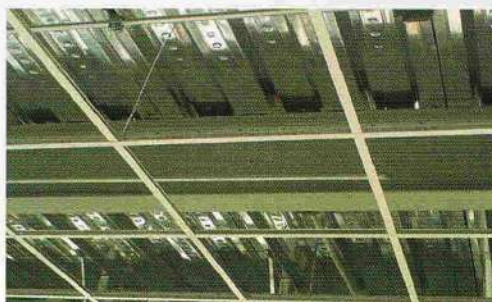
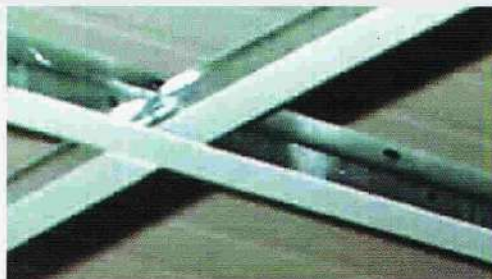
OPTIMUM ADVANTAGE from a
WORLD CLASS TECHNOLOGY

Oven - baked tile - white finish

Straight push-in joinery with "stepped edge"
for a clean main & cross tee intersection

Interlocking system engineered for fire
protection

Hanger holes engineered for installation
flexibility

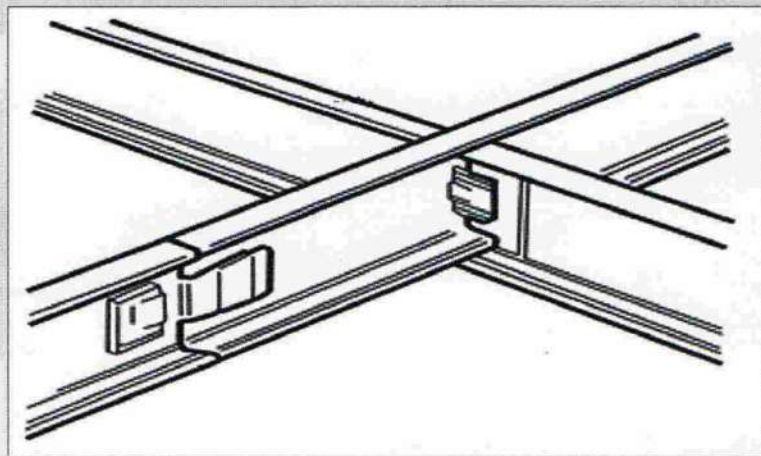
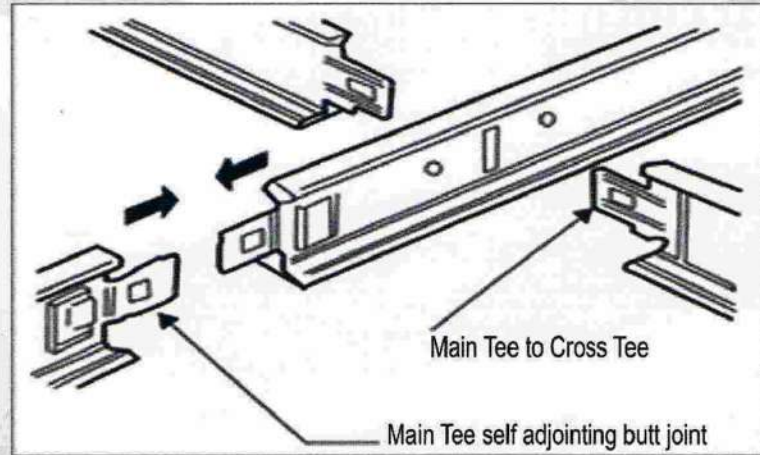


CMT™

Suspended Ceiling System

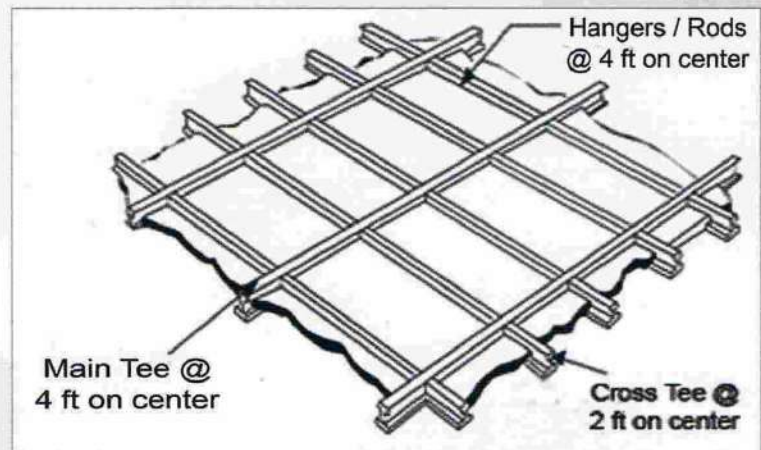
Installation Guide

1. Level the ceiling height by the use of a water level or laser beam.
2. Wall angles to be installed using screws, stub nails or drywall fasteners depending on the wall type.
3. The ceiling is to be set out from the center to balance the width of the boards at the perimeter. Center to center distance for main runners and cross tees at 2 ft x 2 ft or 2 ft x 4 ft.
4. Maximum distance from wall to first hanger is 2 ft.
5. Main runners are joined together by inserting a tab on the end of one section into a slot in the adjoining section.
6. Cross tees are inserted in slots in the main runners and locked in position with minimal downward force.
7. When all sections have been installed, adjustment can be made to ensure that the whole suspension is leveled.
8. Ceiling boards are then laid on the grid.
9. Make sure all ceiling boards are carefully arranged.



PRODUCT	LENGTH	QTY/CTN	GROSS WT/ CTN
 	12 FEET	25	32 Kg.
 	2 FEET 4 FEET	75 50	13 Kg. 18 Kg.
 	10 FEET	40	26 Kg.

Item Code: 13040



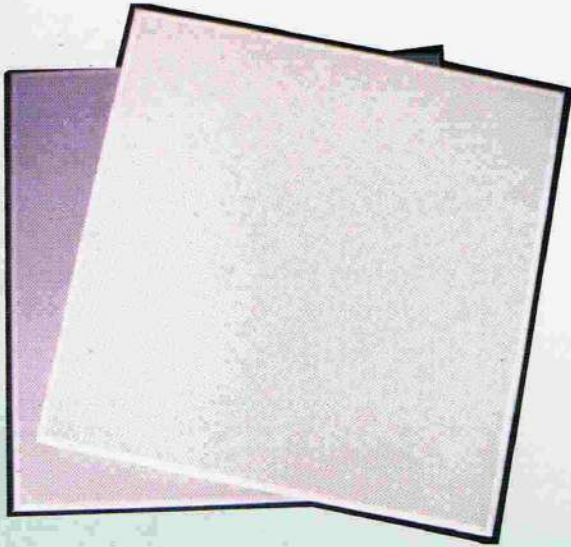
JEA Steel Industries, Inc.



ISO 9001:2008
Cert. No. CIP/302046/13/097

JAMECA

Aluminum Ceiling



**SAFE, ENVIRONMENT-FRIENDLY
& COST-EFFECTIVE MATERIAL**

USER-FRIENDLY

Aluminum panel with felt in-fill for
easy & inexpensive installation

VERSATILE

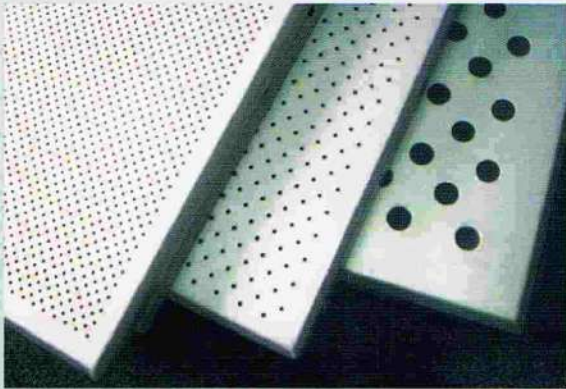
Interior ceiling applications for
convention centers, hospitals, airports
and supermarkets

ELEGANT

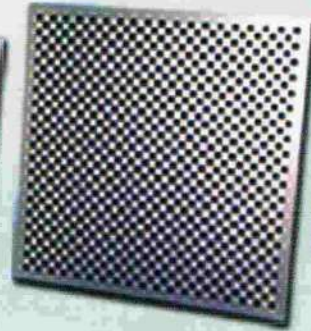
Variety of designs

CORROSION RESISTANT FINISH

Powder coated aluminum



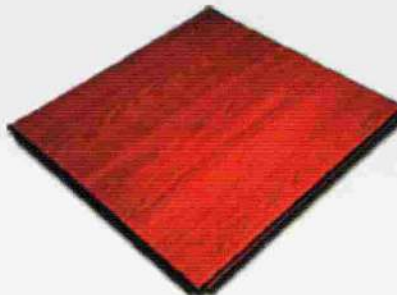
600mm x 600mm and
600mm x 1200mm
PERFORATED
(Bone White)



600mm x 600mm
PERFORATED
(Metallic Silver)



600mm x 600mm
VISIONAL SERIES



600mm x 600mm
WOOD GRAIN



300mm x 300mm
CIRCLE EMBOSS



300mm x 300mm
SQUARE EMBOSS

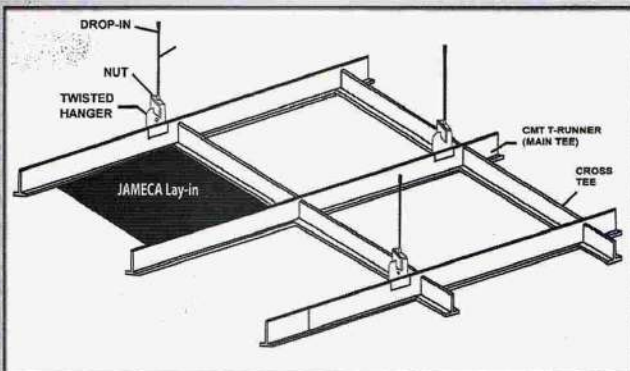


JEA Steel Industries, Inc.



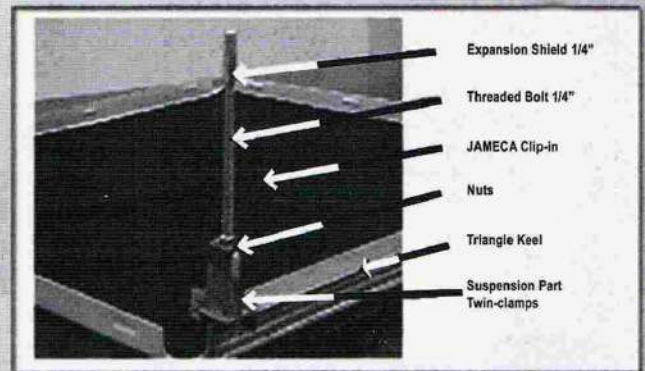
JAMECA

Aluminum Ceiling



LAY-IN PANEL

SIZE : 602mm x 602mm, T=0.70mm
 HOLE DIAMETER : 2.0 MM
 WEIGHT : 1.94kg / sq.m.
 POWDER COATED FINISH : Bone White Color
 with Black tissue felt in-fill to prevent penetration of dust



CLIP-IN PANEL

SIZE : 600mm x 600mm, T=0.70mm
 HOLE DIAMETER : 1.8 MM / 2.0 MM
 POWDER COATED FINISH : Bone White Color
 TRIANGLE KEEL G.I. : Length = 3.0 M / pc.

INSTALLATION GUIDE (LAY-IN PANEL)

- Level the ceiling height by use of water level or laser beam.
- Wall angles to be installed using screw, stub nails or drywall fasteners depending on wall type
- The ceiling is to be out from the center to balance the width of the JAMECA Aluminum Ceiling Panels at the perimeter. Center to center distance for main runners and cross tees at 2ft x 2ft.
- Maximum distance from wall to first hanger is 2 ft.
- Main runners joined together by inserting a tab on the end of one section into a slot in the adjoining section.
- Cross tees are inserted in slots in the main runners and locked in position with minimal downward force.
- When all sections have been installed, adjustment can be made to ensure that the whole suspension ceiling is leveled.
- The JAMECA Aluminum Ceiling Panels are then laid on the grid.
- Make sure all JAMECA Aluminum Ceiling Panels are aligned. Do not push the center of the panel to avoid damage.

INSTALLATION GUIDE (CLIP-IN PANEL)

- Level the ceiling height by use of water level or laser beam.
- Perimeter trims shall be installed using screw, nails or other applicable fasteners depending on wall type.
- The ceiling shall be set out from the center to the perimeter wall. The center to center spacing for Triangle Keel shall be 600mm.
- The maximum distance from the wall to first suspension part shall be 600mm.
- The Suspension Part Twin-Clamps (together with drop-in anchor installed at the concrete slab) shall be spaced 600mm on center
 NOTE: The end of the threaded bolt shall be spaced on the drop-in anchor and the other end shall be attached to the Suspension Part Twin Clamps using nuts.
- Triangle Keel shall be attached to the Suspension Part Twin-Clamps.
- When all the accessories have been installed, adjustment shall be made to ensure that the whole suspension ceiling is leveled.
- Slightly push the JAMECA Aluminum Ceiling Panel upward the ends of the panel until it rest with the triangle keel.
 WARNING: Do not push the center of the panel, thus creating damage to the material.



JEA Steel Industries, Inc.



J-ROC

Mineral Wool Insulation

General Application:

(1) Construction industry

heat insulation and sound absorption of partition, curtain wall, roofs and fences for construction.

(2) Petrochemical industry

heat insulation and sound absorption of equipments for petroleum industry, power industry and chemical industry.

(3) Mining industry

heat preservation and fireproof for industrial kiln, oven, large-caliber storage tank and shipping.

Rockwool board standard size

L × W:	1200 × 600 (mm)
Thickness:	30 ~ 150 (mm)
Nom. density:	40 ~ 200 kg/m ³

Rockwool blanket standard size

L × W:	5000× 1200 (mm), 5000× 600 (mm)
Thickness:	30 ~ 100 (mm)
Nom. density:	50 ~ 100 kg/m ³

(Other sizes are also available according to request)



J-ROC

Mineral Wool Insulation

Partition wall Installation:



Rockwool Technical Parameters

Technical Property	Technical Index	Remarks
Thermal conductivity coefficient (average temperature 70°C±52°C), W/m.k	0.030-0.044	Normal Temperature
Dregs content (particle≥0.25mm), %	≤12.0	GB11835-98
Incombustibility	Non-flammable A	GB5464
Average fiber diameter μm	4-7	-
Density tolerance %	±10	-
Thermal load contraction temperature(products density above 60kg/m3)	≥600°C	-
Acid coefficient	≥1.5	-
Water absorption ratio	≤5%	GB11835-98
Water repellence	≥98%	GB5480
Melting Point	≥1000	-

Product	Length(mm)	Width(diameter) (mm)	Thickness(mm)	Density(kg/m ³)
Blanket	1200	600	50	50

(Density up 10g/m³ is acceptable)

Product	Length(mm)	Width(diameter) (mm)	Thickness(mm)	Density(kg/m ³)
Blanket	5000	600	50	50

(Density up 10g/m³ is acceptable)

Index of Mineral wool board

Item	Unit	Index	Standard
Density	kg/m ³	50	ASTM E119
Average fiber diameter	μm	5-8	ASTM E84
Compressive strength	kPa	>20	GB/T13480
Dimensional stability	%	<1	GB/T 8811
Shot content	%	<5(Coarse shot size>0.25mm) <30(Ultimate shot size>0.063mm)	ASTM E84
Moisture Absorption	%	≤0.4	ASTM C1104
Grade of combustibility		Non-combustible Grade A	EN ISO1182 GB/T 5464-1999
Water partial immersion	Kg/m ²	≤0.5	EN1609
Thermal conductivity	w/m.k	0.038	ASTM C518
Melting point	°C	≥1000	

Index of Mineral wool blanket

Item	Unit	Index	Standard
Density	kg/m ³	50	ASTM E119
Average fiber diameter	μm	5-8	ASTM E84
Shot content	%	<5(Coarse shot size>0.25mm) <30(Ultimate shot size>0.063mm)	ASTM E84
Moisture Absorption	%	≤0.4	ASTM C1104
Grade of combustibility		Non-combustible Grade A	EN ISO1182 GB/T 5464-1999
Water partial immersion	Kg/m ²	≤0.5	EN1609
Thermal conductivity	w/m.k	0.038	ASTM C518
Melting point	°C	≥1000	