

Not all Light Steel Frames are the same . . .

# JEA-MAXX<sup>®</sup>

## 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**



**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**

#### 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



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# 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

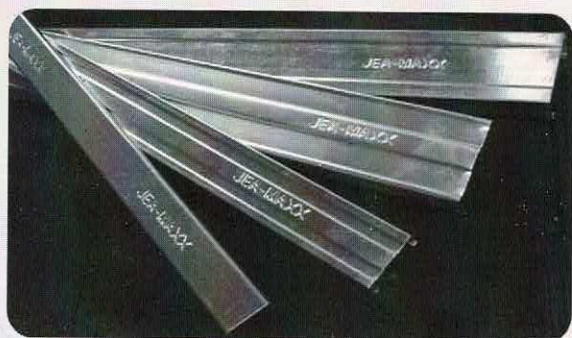
12mm (1/2") x 38mm (1 1/2") x 5m (16ft) is the standard size. Attached perpendicularly to JEA-MAXX Furring with maximum interval of 4ft or 1220mm.

#### 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.



#### INSTALLATION GUIDE (Drywall)

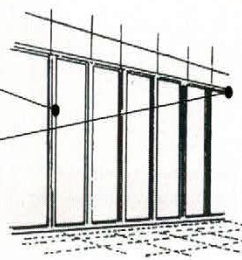
- 1.) Layout and attach the JEA-MAXX tracks on the floor and ceiling.
- 2.) Connect the JEA-MAXX studs to the tracks with maximum interval of 406mm or 16" up to 610mm or 24" using blind rivets or studs screw. No need for a horizontal bracing if there's an interval of 610mm or 24" with not more than 3.0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

#### ↓ STUDS

- Min. of 0.40 M or 16"
- Max. of 0.60 M or 24"

#### ↓ TRACKS

- Floor to ceiling height exceeds 3.0 M
- provide intermediate horizontal bracing in between studs



SCAN & EMAIL ME

### 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.

#### HEAD OFFICE

#### DAVAO OFFICE