

## Technical Data Sheet

### PRODUCT AJBAS E-STUD .

#### Product Description :

**A**JBAS E-Stud are light weight steel sections roll formed using corrosion resistant Hot-Dipped Galvanised steel coils confirming to ASTM 653.

The E Studs are extremely light in weight and are used for starter studs, intersections, door openings and end studs.

A 25 mm gaps between the flange allows friction-fit contact for the 25 mm Shaft Board as shaft liner.

#### Feld of Application :

**A**pplicable for Shaft Wall Partition, Fire rated Stud ceiling system at Staircase, lift shafts and other such applications.

#### Advantages :

- Good fire protection.
- Good sound insulation.
- Environment friendly.
- Easy & fast installation.
- Light weight construction.
- Safe when following safety instructions.

#### Product Characteristics

Technical Parameters	Detail
Coating	Z 70, Z 90 Z 120, Z 180 & Z 275
Yield Strength	240 MPA - 310 MPA
Tensile Strength	340 MPA - 410 MPA
Material	Galvanized Steel
Flanges (mm)	10 / 5 MM
Lip (mm)	4 MM
Length	Standard 3 meters and can be produced on request.
Thicknees (mm), (TCT)	0.35, 0.38, 0.40, 0.45 0.50, 0.60, 0.80
Sizes (mm) , (Depth)	40, 47 ,73 & 99

#### Material Storage & Handling Conditions :

- Products are supplied in pack and sub-pack quantities and should be handled in accordance with the recommendations contained in AS 1470 – Health and Safety at Work Principles and Practice.
- Where mechanical lifting or moving equipment is required, trained and licensed operators are to be used.
- Metal products should be stored in an environmentally-friendly area away from airborne contaminants such as acid and salt sprays.
- People with sensitive skin conditions should seek medical advice before prolonged handling of metal products; hands should be washed before eating and for personal hygiene.
- Non-fogging goggles (AS/NZS 1336) should be worn when cutting metal sections.

#### Cold-Formed Steel Design References :

- North American Specification for the Design of Cold-Formed Steel Structural Members (AISI S100, AISI S200).
- Analysis and Design of Cold Formed Members is according to LRFD & ASD Method.
- Cold-Formed Steel Design, Fourth Edition by Wei-Wen Yu & Roger A. LaBoube .

