



European Steel Profiles Limited
Unit 1F Ridgeway Centre
Iver SL0 9JQ
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Re: Galvanised steel sections / BS EN 14195.

We are pleased to confirm the ESP Drywall range of profiles are manufactured in accordance to BS EN 14195 : 2005 being the European standard for the production of 'Metal framing components for gypsum plasterboard systems' which has replaced BS 7364, and are supplied CE with CE marking as detailed.

The scope of this standard specifies the characteristics of the metal framing sections used in conjunction with plasterboards (conforming to EN520) used to build non-load bearing partitions, wall and ceiling linings.

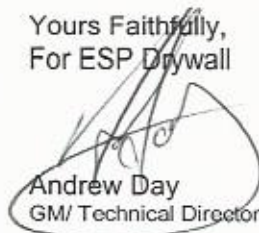
We confirm, In accordance with the European standards, all products are manufactured using galvanised steel coils DX51D as BS EN 10326 and 10327. The reaction to fire is classified in Euroclass A1, being 'No contribution to fire'.

Declaration of performance (DoP), specification data sheets and Safety data sheets are available for all products, example of which are attached, all in accordance to BS EN 14195.

The primary factor in determining fire and acoustic performance in partition walls and ceilings is the correct specification of the board used for the lining construction along with other factors such as; perimeter sealing, type of cavity insulation and board fixing method all of which have a major effect on the overall performance of the total system.

Our products offer equal performance to products from other primary producers manufactured to the same high standard and quality. We are pleased to advise on project requirements but no warranty is hereby expressed or implied and we do not accept liability where products are installed prior to an agreed specification being agreed and supplied in writing.

Yours Faithfully,
For ESP Drywall



Andrew Day
GM/ Technical Director

Company registration number: 09584976
VAT number: 220167549
Santander Bank:
Account number: 80390698
Sort code: 09 01 28

ESP

DECLARATION OF PERFORMANCE

No. 1220705 C STUD 32/70/34/05 10-10-15

- Unique product identification code of product type:
C/32/70/34/05 - EN 14195
- Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):
ESP C STUD 32/70/34/05
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification as foreseen by the manufacturer:
Metal framing components for gypsum plasterboard systems in building construction.
- Name and contact address of the manufacturer as required pursuant to Article 11(5).
**European Steel Profiles Ltd, Unit 1f Ridgeway Distribution centre,
Iver, Bucks. SL0 9JQ. Tel. 01753 306050, email: sales@espdrywall.co.uk**
- Authorised representative whose mandate covers the task specified in Article 12 (2)
Not Relevant
- System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR. Annex v.
System 4
- In case of the declaration of performance concerning a construction product covered by a harmonised standard;
(name and identification number of the notified body, if relevant)
Performed under system.
(description of the third party tasks as set out in Annex V)
and issued
(certificate of constancy of performance, certificate of conformity of the factory production control, test / calculation reports, as relevant).
Initial type testing and factory production control performed by producer
- In case of declaration of performance for which a European Technical Assessment has been issued
N/a
- Declared Performance

Essential Characteristics	Performance	Harmonised Specification
Reaction to fire	A1	EN14195 2005
Flexural tensile strength	140 N/mm ²	EN14195 2005
Dangerous Substances	NPD	EN14195 2005

Where required by Article 37 or 38 the specific Technical Documentation has been used, the requirements of which the product complies.

Not relevant

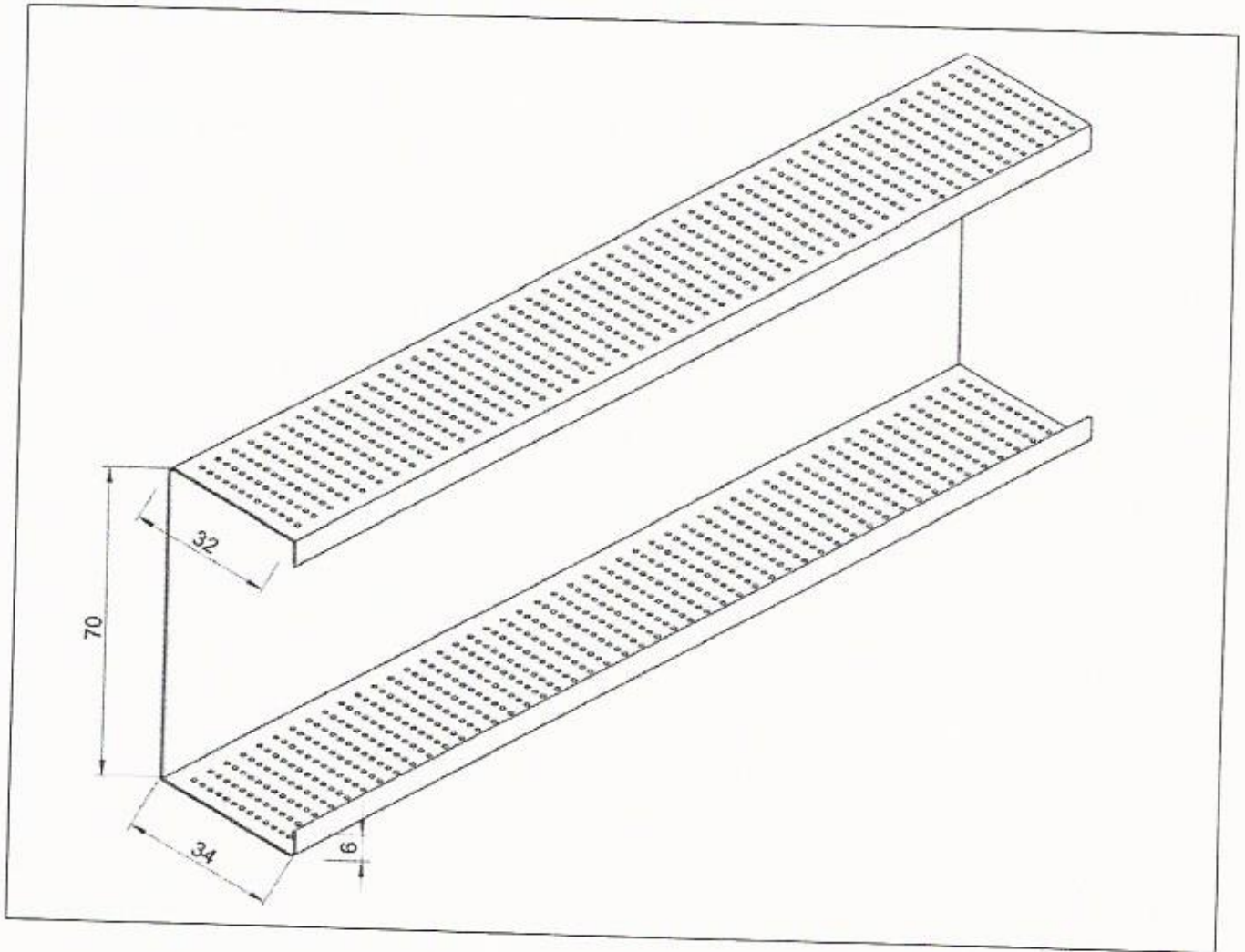
- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Andrew Day, Director

**European Steel Profiles Ltd
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IVER, Bucks. SL0 9JQ
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ESP



Project: C Stud 70mm
Size: 34 x 70 x 05 x '2400 or 5000mm'
Material: Z2/G150 minimum to BS EN 10346
Tolerance: +/- 0.75mm to BS EN 10346. Angular: 2 degree from design
Marking: C Stud 32/70/34/05/ (length) CE EN 14195 A1 (date/time)

Date: 20.10.15

Scale: NTS

Drawn by: ALD

Drg. Nr.: C70AD

Manufactured to EN 14195 : 2008

ESP reserve the right to amend or alter details without prior notice. No responsibility will be accepted for errors or omissions, details are based on information available at date of drawing. It is the responsibility of the designer or project engineer to check and validate.

European Steel Profiles Ltd, Unit 1f Ridgeway Distribution Centre, Iver, SL0 9JQ

HEALTH & SAFETY DATA SHEET

ESP

METAL SECTIONS

1. Identification of Substance and Company

Zinc coated Galvanised steel sections and profiles used to form walls, ceilings and lining systems.

Including:

Metal studs
Metal channels
SBS sections
EMF ceiling sections
ELS ceiling sections
ELS wall sections
Angle sections

Manufacturer:

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2. Composition/Information on Ingredients

Mild steel sections and profiles coated with zinc by hot dip processes. The hot dip coatings may contain up to 0.002% lead or up to 0.12% antimony. The sections and profiles may have a protective film of lubricant.

3. Hazards Identification.

During welding or cutting with heat toxic and irritant fumes may be evolved which can cause metal fume fever. Repeated contact may cause skin problems. Risk of cuts and abrasions from sharp edges of sections or banding.

4. First Aid Measures.

Ingestion: Not relevant.
Inhalation: Effects on inhaling fumes remove person to fresh air.

Skin contact: Rinse with running water then wash with soap. Treat cuts, if required seek immediate medical attention
Eye contact: Irrigate with eye wash bath. Cuts seek immediate medical attention.

Should any symptom persist obtain medical assistance

5. Fire-fighting Measures.

Non-flammable material but see section 3 'Hazards Identification'.

6. Accidental Release Measures.

Sweep up and shovel any off cut or dust into bags..

7. Handling and Storage.

When using hand or power tools eye protection should be worn.

Open edges and cut ends may be sharp gloves and protective clothing should be worn at all times to avoid risk of cuts.

Head protect should be worn when overhead hazards exist and when handling section above head high.

Sections may be secured by straps and bands for transportation these should not be used for lifting. When tension on bands released products may spring apart and could cause injury.

Pallets and packs should be stacked in a safe and stable manner.

Consider risks as required by manual handling operations regulations 1992.

8. Exposure Controls/Personal protection.

Suitable protective clothing and equipment should be worn. When fume or dust is generated, provide adequate ventilation to ensure Occupational Exposure Limits as listed below are not exceeded.

HEALTH & SAFETY DATA SHEET

ESP

Current Occupational Exposure Limits.

Substance	15 Min	8 hour TWA
Iron Oxide	10mg/m ³	5mg/m ³
Zinc Oxide	10mg/m ³	5mg/m ³
Chromium metal		0.5 mg/m ³
Chromium (ii)		0.5 mg/m ³
Chromium (iii)		0.5 mg/m ³
Chromium (vi)		0.05 mg/m ³
Lead		0.15 mg/m ³
Antimony		0.5 mg/m ³

9. Physical and chemical properties.

Coating: Melting point in range 419-450 C

Steel: Melting point in range 1450-150 C

Density: around 7.85 kg/dm³ at 20 C

Fire hazard rating:

Ignitability	0
Spread of flame	0
Heat Evolved	0
Smoke developed	0

Non-combustible

10. Stability and Reactivity

The product is stable under normal conditions, when subjected to heat fumes are produced.

11. Toxicological information

Mechanical working, such as dry grinding or machining, will produce dust of the same composition as the coating and base metal. If subjected to elevated temperatures, e.g. during welding or flame cutting, fumes are produced containing oxides of zinc, manganese and iron, and also breakdown products of any protective coating if present.

The potential effects on health include metal fume fever, a short-lasting, self-limiting condition with symptoms similar to influenza. The principal mode of entry into the body is by inhalation and if airborne concentrations are excessive (see

EH40) over long periods of time they may have a long term effect on the health of the worker, primarily affecting the lungs.

Prolonged contact with sheet protection coatings may lead to skin irritation are rarely, in susceptible cases, may lead to dermatitis.

12. Ecological Information

No known harmful effects.

13. Disposal Considerations.

Recycle, or landfill.

14. Transport information.

Not classified as hazardous, no special precautions other than safe loading.

15. Regulatory Information

Steels are articles not substances and as such are not subject to the Chemicals (Hazard Information and packaging) Regulations.

16. Other Information

All products should be installed as directed by the manufacturer.

On site risk assessment should be carried out before use.

This safety data sheet:

-does not replace the users own site risk assessment.

-supersedes all previous issues, and users are cautioned to ensure it is current.

-was compiled using the current safety information supplied by the manufactures of the component materials.

-based on present state of our knowledge and is for the point of view of health and safety requirements.

This data does not guarantee specific properties.