



The ECOPLUS Steel Stud and Track



Product

1.1 The ECOPLUS Steel Stud and Track System provides a practical solution for screw fixing plasterboard linings to internal non-load bearing partitions and ceiling bulkheads.

1.2 Dimensionally stable, ECOPLUS Steel Stud and Track is lightweight yet strong. The lipped edge of the stud enhances strength and provides safe handling and the knurled face prevents screw slip when applying dry linings and provides additional hold for adhesive. Walls can be asymmetrical legged to enable boxing for extra loading when required and have pre-punched, evenly spaced service holes.

1.3 The ECOPLUS Steel Stud and Track are Suitable for:

- ◆ Non-load bearing partition walls
- ◆ Steel Stud Ceiling Systems
- ◆ Window and Door Jamb
- ◆ Non-Fire Rated and Fire-rated Systems
- ◆ Acoustic Non-load bearing Wall Systems (by design)
- ◆ External Non-load bearing Wall systems (by design)

NZ Building Regulations

2.1 The ECOPLUS Steel Stud and Track System when designed, installed and maintained in accordance with the statements and conditions of this Product Technical Statement, will meet the following provisions of the New Zealand Building Code (NZBC):

- **Performance Clause B1 Structure;** B1.3.1, B1.3.2, B1.3.3 (a, b, c, f, h, j, l, m, p); B1.3.4 (a, b, d)
- **Performance Clause B2 Durability;** B2.3.1 (b); B2.3.2
- **Performance Clause C3** C3.1 Fire affecting areas beyond the fire source when used in a non load bearing fire rated wall design
- **Performance Clause F2 Hazardous Building Materials;** F2.3.1 covering use of a non-hazardous material.
- **Performance Clause G6 –Airbourne & Impact Sound;** G6.3.3

2.2 The ECOPLUS Steel Stud and Track System is 'An Alternative Solution' in terms of compliance with the New Zealand Building Code (NZBC).

Applicant:



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Scope and Limitations

3.1 It should be noted that ECOPLUS Steel Stud and Track does not by itself satisfy clause B1 Structure, but contributes to the required performance when used as part of a full wall system installed in accordance with the manufacturers technical literature.

3.2 The ECOPLUS Steel Stud and Track System is designed for use in retail spaces, schools, office spaces, theatres, etc. The two variations will suit most design demands based on wall height (maximum wall height = 3.6m) and wall type.

3.3 If designed, installed and maintained in accordance with all requirements, the ECOPLUS Steel Stud and Track System is warranted for 50 years for residential and commercial use.

3.4 The ECOPLUS Steel Stud and Track System must be installed by suitably experienced and skilled tradespersons familiar with the manufacturers technical and installation literature and trained by ECOPLUS SYSTEMS Ltd.

3.5 The owner of the building is responsible for the proper maintenance of the installed ECOPLUS Steel Stud and Track System as set out in the technical literature provided by ECOPLUS SYSTEMS Ltd. Note: there are no specific or periodic maintenance requirements when installed in accordance with the technical literature (for stud and track) (please see wall lining manufacturers maintenance instructions for lining.)

Technical Literature

Technical Literature Supplied

4.1 The ECOPLUS Wall and Ceiling Grid Technical Manual v1.0 must be read in conjunction with this Product Technical Statement. All aspects of design, use, installation and maintenance contained within the Technical Manual and scope of this PTS must be followed.

4.2 For a copy of this Technical Literature and any subsequent updates please refer to sales@ecoplus-systems.com

Compliance Declaration

Claims

5.1 In the opinion of ECOPLUS, compliance with the relevant performance clauses of the New Zealand Building Code (NZBC) has been established based on the supplied documentation.

In-service History

5.2 ECOPLUS SYSTEMS Ltd. has provided a statement of in-service history demonstrating compliance with the NZBC over time in many projects. All of the data provided to the reviewer has been assessed for suitability.

Ease of Repair or Maintenance

5.3 The Technical Literature has been examined by BEAL and found to be satisfactory.

5.4 Building owners are responsible for the maintenance of the ECOPLUS Steel Stud and Track System (if any). Continuous compliance is reliant on the building owner maintaining the product in accordance with the manufacturer's maintenance instructions.



C R Prouse - Director

Building Element Assessment Laboratory Limited