

# Lindapter Type F3

## Building Product Information Sheet

Lindapter Type F3 is a high strength beam flange clamp, with a large clamping range, for suspending building services from structural or secondary beams. Type F3 may be supplied with (designated 'NC') or without a bolt (designated 'NB') and are compatible with drop rods and J bolts. Type F3 clamps are suitable for parallel flanges only. They are manufactured from malleable iron and in sizes to suit M08, M10, M12, M16 and M20 bolts or rods. Durability is achieved by a hot-dip galvanised coating and categorised by Corrosivity Class in accordance with ISO9223. Type F3 clamps are identified by reference to type and size (e.g. F312).

### Composition

- Type F3 clamps are manufactured from malleable iron.

### Supporting documentation

- Full product details, including design and installation guidelines, are presented in supporting technical documentation. See: Lindapter Weld-Free Steel Connectors.
- Available from: <https://www.ancon.co.nz/downloads/technical-literature>

### Product Identifier

- F3\_ \_

### Relevant Building Code clauses:

- Clause B1 Structure — B1.3.1, B1.3.2, B1.3.3, B1.3.4
- Clause B2 Durability — B2.3.1
- Clause F2 Hazardous Building Materials — F2.3.1

### Contributions to Compliance:

Clause B1 Structure

- B1.3.1, B1.3.2, B1.3.3, B1.3.4.** Type F3 are FM approved. Safe working loads are presented in the supporting technical documentation.

Clause B2 Durability

- B2.3.1 (a).** Type F3 will meet the provisions of B2.3.1(a) of not less than 50 years subject to placement, use and maintenance in accordance with the design and required durability assessment and consideration of the responsible engineer working to the appropriate design and environmental standards.

Clause F2 Hazardous Building Materials

- F2.3.1.** Type F3 clamps meet the performance requirements under Clause F2.3.1.

### Manufacturer and Importer Details:

<b>Place of Manufacture:</b>	Overseas
<b>Manufacturer:</b>	Lindapter International, Brackenbeck Road, Bradford West Yorkshire BD7 2NF, United Kingdom
<b>Manufacturer Email:</b>	support@lindapter.com
<b>Importer Name:</b>	Leviat New Zealand Limited
<b>Importer Address:</b>	246D James Fletcher Drive, Otahuhu, Auckland, 2024
<b>Importer Website:</b>	www.leviat.com/en-nz
<b>Importer Email:</b>	info.nz@leviat.com
<b>Importer Phone:</b>	+64 9 276 2236
<b>Importer NZBN:</b>	9429031339056

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### Limitations on the use of the building product:

- Use of coated steel clamps in exterior or damp environments is the responsibility of the designer. Guidelines helpful to the preparation of the durability assessment necessary to the use of clamps in environments subject to different conditions are presented in the supporting technical documentation (see page 72), which includes durability ratings categorised in accordance with ISO 9223.

### Design requirements to support appropriate use:

- The design strength of Type F3 connections shall be determined by a suitably qualified engineer responsible for the design and installation of non-structural building elements.

### Installation requirements:

- Type F3 clamps shall be installed by a competent contractor in accordance with Lindapter installation instructions and the specific engineering design and guidance of the designer.
- Installation guidelines are available in the supporting documentation.

### Maintenance requirements:

- Maintenance of Type F3 clamps installed in interior, dry and protected environments will not normally be required during the expected life of the clamp.

### Warnings or ban:

- This product is not subject to any warning or ban under section 26 of the Building Act 2004.