

Lindapter Type FL and Type SW

Building Product Information Sheet

Lindapter Type FL is a beam flange clamp, with moderate loading capacity, for suspending building services from structural or secondary beams. Type FL clamps use a grade 8.8 cup point setscrew for a secure grip on both parallel and tapered flanges. Clamps are supplied with a hole for connection to a (user-supplied) bolt or rod, or connection to a Type SW swivel unit used on applications on inclined beams. The hole may be drilled (designated 'D') or tapped (designated 'T'). Type FL are manufactured from malleable iron with a zinc plated finish, and supplied with a hexagon head setscrew. Clamps are available in five sizes to suit bolt or rod sizes M6, M8, M10 or M12, and clamping ranges reaching from 3mm to 28mm. Type FL are identified by reference to clamp type, clamping range, size and hole profile (e.g. FL210D).

Type SW swivel units are manufactured from high grade alloy steel, zinc plated, and with a M10 x 90mm setscrew and nut. They are identified by a singular reference, SW10.

Composition

- Type FL are manufactured from malleable iron.
- Type SW are manufactured from high grade alloy steel.

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

- FL_ _ _ _ , SW10

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 FL are FM approved. Safe working loads are presented in the supporting technical documentation.

Clause B2 Durability

- B2.3.1 (a).** Type FL and Type SW 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 FL and Type SW meet the performance requirements under Clause F2.3.1.

Manufacturer and Importer Details:

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

Lindapter Type FL and Type SW

Building Product Information Sheet

Limitations on the use of the building product:

- Type FL and SW are zinc plated and suitable for use in dry and protected environments only.

Design requirements to support appropriate use:

- The design strength of Type FL and Type SW connections must be determined by a suitably qualified engineer responsible for the design and installation of non-structural building elements

Installation requirements:

- Type FL and Type SW 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 FL and Type SW 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.