

Helifix PatchPin

Building Product Information Sheet

Helifix PatchPin (HPP) is a helical stainless steel pin used to provide a mechanical key when patch repairing reinforced concrete. They are manufactured from Grade 304 or (as standard) Grade 316 stainless steel and have a nominal (measured fin edge to fin edge) 8mm diameter. PatchPin are available in 70mm and 100mm lengths and are referenced by product code and length (e.g. HPP 8 x 70).

Composition

- PatchPin are manufactured from austenitic stainless wire helical bar.

Supporting documentation

- Product details and recommended installation procedures for are presented in supporting technical documentation. Refer to product information sheet PPO1 PatchPin, and indicative installation detail marked ANZ-CR01, available from: <https://www.helifix.co.nz/downloads>.

Product Identifier

- HPP_ _

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 (a)
- Clause F2 Hazardous Building Materials — F2.3.1

Contributions to Compliance:

Clause B1 Structure

- PatchPin will contribute to compliance subject to intended use and in accordance with the concrete patching design of a suitably qualified engineer or site manager.

Clause B2 Durability

- **B2.3.1 (a)** PatchPin manufactured from Grade 316 stainless steel will meet the provisions of B2.3.1(a) of not less than 50 years not less than 50 years subject to placement and use in accordance with the design and required durability assessment and consideration of the designer working to the appropriate design and environmental standards.

Clause F2 Hazardous Building Materials

- **F2.3.1.** PatchPin meet the performance requirements under Clause F2.3.1

Manufacturer and Importer Details:

Place of Manufacture:	Overseas
Manufacturer:	Leviat Limited, The Mille, 1000 Great West Road, Brentford, TW8 9DW, United Kingdom
Manufacturer Email:	sales.helifix.uk @leviat.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

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Limitations on the use of the building product:

- PatchPin should only be used as intended when patch repairing reinforced concrete.

Design requirements to support appropriate use:

- PatchPin shall be positioned to suit site conditions and in accordance with the instructions of the designer but should start 50mm from the edge of the patched area.

Installation requirements:

- PatchPin shall be installed by a competent contractor in accordance with Leviat installation guidelines and the design and guidance of the designer.
- Installation guidelines are available in the supporting technical documentation.

Maintenance requirements:

- Maintenance of the system will not normally be required during the expected life of the system.

Warnings or ban:

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