

Building Product Information Sheet

Date:

01st November 2023

Product name:

Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} 19mm and 25mm aperture

Product description and its intended use:**1. Product**

1.1. The Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} offers a robust mesh solution designed for reinforcing plaster wall cladding. Notably, it eliminates the need for solid plaster spaces, thanks to 50mm spaced 15mm crimps manufactured within the mesh. This design ensures that 70% of the mesh is positioned just 7mm away from the wall. With a heavy galvanized coating (150g/m²), this netting provides excellent corrosion resistance, making it suitable for both indoor and outdoor applications. The uniform hexagonal holes, available in 19mm or 25mm apertures, contribute to structural strength and versatility.

2. Key Technical Specifications

2.1. The Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} is constructed from 1.00mm diameter wires, forming a mesh with single edge line wires at the top and bottom. The hexagonal apertures come in sizes of 19mm or 25mm, featuring a 15mm crimp at 50mm spacings. This design allows 70% of the mesh to be elevated 7mm away from the wall, meeting the specifications outlined in the AS 2423-2002 standard.

2.2. Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} is constructed with galvanized coated wire, featuring a diameter of 1.00mm, in compliance with the AS/NZS 4534:2006 standard.

3. Applications – Intended Use

3.1. The Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} with 19mm and 25mm apertures is a robust mesh solution designed for use as reinforcing mesh in plaster wall cladding without the use of solid plaster spaces.

Product identifier:

Product	Stock codes
Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL ^{PLUS®} 19mm aperture size	HN90019150FFBGP
Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL ^{PLUS®} 25mm aperture size	HN90025150FFBGP

Place of manufacture:

Aotearoa New Zealand

Legal and trading name of the manufacturer:

J & F Holdings NZ Limited T/A Bayonet®

Address for service:

201 Taurikura Drive Tauriko, Bay of Plenty, Tauranga, New Zealand, 3171

Website:

bayonet.co.nz

Email Address:

info@bayonet.co.nz

Phone Number:

0800 330 320

NZBN:

9429047918870

Relevant Building Codes Clauses:

B2 Durability: Performance clauses B2.3.1(a) (ii) and (iii) and B2.3.2

F2 Hazardous Building Materials: Performance clause F2.3.1

Statement on how the building product is expected to contribute to compliance:

- a) **B2.3.1(a) (ii) and (iii) and B2.3.2:** Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} with 19mm and 25mm apertures has a durability of at least 50 years when installed as reinforcing mesh for plaster wall cladding, provided adherence to the storage and handling requirements below.
- b) **F2.3.1:** Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} with 19mm and 25mm apertures is safe when handled and is a non-hazardous material.

Limitations on the use of the building product:

Handling & Storage

Do not store the products in the following conditions:

- a) Under tarpaulins.
- b) Under polymer sheeting.
- c) Areas that restrict circulation of air.
- d) Overnight in warehouses or sheds that show signs of condensation especially through falling temperatures.
- e) Directly on the ground.
- f) In storage facilities that have relative humidity exceeding 69%
- g) On or touching cardboard, paper products, concrete, damp surfaces, cinders, clinkers, unseasoned timber.
- h) On or near freshly treated timber.
- i) On or near harmful chemicals even agricultural fertilisers and pesticides or fungicides.
- j) On or near dissimilar metals structures such as Austenitic stainless steel, Nickel-chromium-iron alloys, Nickel, Gunmetal, Monel, Copper, Phosphor bronze, Ferritic stainless steel, Brass, 60/40, Aluminium bronze, Lead, Chromium, Tin

Limitations

- a) Not to be used for access or as a working platform.
- b) Do not use any netting or fasteners that are showing signs of dark brown rust.
- c) When installed in conditions having a high risk of corrosion adversely affecting the performance within its service life, the netting shall be protected by the application of a suitable protective coating.
- d) The wire is galvanised in accordance with AS/NZS 4534:2006 standard.



Design requirements that would support the appropriate use of the building product:

The Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS}® with 19mm and 25mm apertures is a robust mesh solution designed for use as reinforcing mesh in plaster wall cladding without the use of solid plaster spaces.

Installation requirements:

General

Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} features 19mm and 25mm apertures, designed as a reinforcing mesh for plaster wall cladding. It's crucial to avoid using dissimilar metals for securing or fastening the netting to the wall. Full envelopment of the netting by plaster, following the manufacturer's specifications, is essential for optimal performance and longevity. During mesh netting overlap, it is recommended to have a minimum of three apertures overlapped.

Maintenance Requirements:

Bayonet Fastfix Hex Crimped Plaster Netting BayoGAL^{PLUS®} has a durability of at least 50 years when installed correctly and used as intended it will require no maintenance until the end of its design life.

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?:

Yes No