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SUMMARY OF FEATURES

- A woven crimped (self furring) hexagonal, galvanised mild steel netting.
- Fast, convenient alternative to standard plaster netting.
- Fixed onto the outside of building paper as a base for plaster application.
- Regular crimp creates a space between the netting and backing board (approx 7.5mm).
- Eliminates the need to use spacers.
- Can be run straight or bent around corners, i.e window heads and reveals.
- One-phase manufacturing process delivers crimping of a consistently high standard and a full 50m roll, every time.
- Heavy 150g/m² galv coating delivers up to 6 times longer life than light galv netting.
- BRANZ Appraisal No. 318 (2005).
- Galvanising complies with AS/NZS 4534: 2006 Class W10.
- Netting complies with NZS 4251: 2007.
- Wire tensile strength is between 380 and 550 MPa.
- Kiwi made.

TECHNICAL INFORMATION

Product Description

Fastfix Premium-6 Crimped Plasterer's Netting is a range of crimped (self-furring) hexagonal, galvanised mild steel wire netting, for use as reinforcement for exterior stucco plaster cladding without the need to use solid plaster spacers.

Applications

Fastfix Premium-6 Crimped Plasterer's Netting has been BRANZ appraised for use as a reinforcing mesh with stucco plaster wall cladding:

- On buildings within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1.
- Complying with NZBC Acceptable Solution E2/AS1, Section 9.3.
- With timber framing of external walls supporting the cladding complying with NZS 3604 and NZS 4251.

Appraisals

BRANZ Appraisal No. 318 (2005).

Product Information

- Stucco plaster cladding design and installations incorporating Fastfix Premium-6 Crimped Plasterer's Netting reinforcement must comply with the requirements of NZBC

Acceptable Solution E2/AS1, Section 9.3 and the sections of NZS 4251 and NZS 3604 referred to within NZBC Acceptable Solution E2/AS1, Section 9.3.

- Fastfix Premium-6 Crimped Plasterer's Netting is suitable for use as a self-furring metal reinforcement for stucco plaster over rigid backings and meets the performance requirements of NZS 4251, Paragraph 4.3.4.3.
- Fastfix Premium-6 Crimped Plasterer's Wire Netting must be stretched taut but does not need to be spaced out from the rigid backing material.
- Movement control joints in the stucco plaster cladding system must be installed as required in NZS 4251. Fastfix Premium-6 Crimped Plasterer's Netting must be stopped at control joints to ensure there is a complete break in the reinforcing.
- When Fastfix Premium-6 Crimped Plasterer's Netting is used as reinforcement for stucco plaster, the stucco plaster cladding will resist the following loads:
 - Wind face loads up to and including those associated with the Very High Building Wind Zone of NZS 3604; and,
 - Earthquake face loads associated with construction complying with the scope limitations of Paragraph 1.1.2 of NZS 3604; and,
 - Soft body impacts associated with domestic construction; and,
 - Creep and shrinkage (subject to adequate curing and the plaster not being subjected to vibration, bending or shock in its early life, particularly within the first seven days).
- When Fastfix Premium-6 Crimped Plasterer's Netting is contained within a stucco plaster wall cladding, the stucco plaster cladding will have a serviceable life in excess of 25 years. This durability opinion is contingent upon the stucco plaster having sealant maintained at the joints and a weather-tight protective coating applied and maintained on the outside surface.
- Stucco plaster cladding systems must be inspected on an annual basis, and maintained and recoated as necessary to ensure they remain weathertight.
- Stucco plaster cladding systems, when designed, installed and maintained in accordance with NZBC Acceptable Solution E2/AS1, Section 9.3 and NZS 4251 meet the performance requirements of NZBC Clause E2.3.2, E2.3.5 and E2.3.6.
- Fastfix Premium-6 Crimped Plasterer's Netting, if used, designed, installed and maintained in accordance with the statements and conditions in this brochure, will meet, or contribute to meeting the following provisions of the NZBC:
 - Clause B1 Structure: Performance B1.3.1, B1.3.2 and B1.3.4. Stucco plaster cladding that complies with NZBC Acceptable Solution E2/AS1, Section 9.3, when reinforced with Fastfix Premium-6 Crimped Plasterer's Netting meets the requirements for loads arising from earthquake, wind, human impact and creep and shrinkage [i.e. B1.3.3 (f), (h), (j) and (q)].
 - Clause B2 Durability: Performance B2.3.1(b), 15 years. Fastfix Premium-6 Crimped Plasterer's Netting meets this requirement.
 - Clause E2 External Moisture: Performance E2.3.2. Stucco plaster cladding that complies with NZBC Acceptable Solution E2/AS1, Section 9.3, when reinforced with Fastfix Premium-6 Crimped Plasterer's Netting meets this requirement.

- Clause F2 Hazardous Building Materials: Performance F2.3.1. Fastfix Premium-6 Crimped Plasterer's Netting meets this requirement and will not present a health hazard to people.

Handling & Storage

Handling and storage of the product, whether on or off site, is under the control of the installer. Fastfix Premium-6 Crimped Plasterer's Netting must be handled with care to prevent damage to the netting.

The rolls must be stored on end, under cover and protected from moisture.

They must not be double stacked or used to support other materials. Fastfix Premium-6 Crimped Plaster Netting rolls must not be stored on concrete floors for long periods, particularly where moisture is present, as this can result in an accelerated corrosion of the galvanising.

Technical Data

The Fastfix Premium-6 range includes hexagonal 25mm and 19mm crimped (self-furring) mesh manufactured with 1.0mm galvanised mild steel wire. The mesh is crimped with a 7.5mm projection and is supplied in rolls 900mm wide in lengths of 50m and 20m.

The wire used to manufacture Fastfix Premium-6 Crimped Plasterer's Netting conforms to Class W10 of AS/NZS 4534: 2006. The 1.0mm wire has a tensile strength of between 350 and 550 MPa and the minimum mass of galvanised coating is 150g/m².

Installation Information

Installation must always be carried out in accordance with the information in this brochure by competent solid plaster tradespersons.

Prior to installation of the Fastfix Premium-6 Crimped Plasterer's Netting, ensure the framing system and cavity battens have been installed in accordance with the requirements of NZBC Acceptable Solution E2/AS1, Section 9.3.

Where rigid backing material has been installed, check that the material has not distorted more than 5mm between the cavity battens before fixing the reinforcement. Where a rigid backing is used, Fastwrap Wall Wrap must be installed over it to act as a slip layer before fixing the wire netting reinforcement.

Where non-rigid backing material is used, ensure that the wrap is taut and appropriately supported so that it does not deviate more than 5mm between battens.

Fastfix Premium-6 Crimped Plasterer's Netting reinforcement must be stretched taut.

Fastfix Premium-6 Crimped Plasterer's Netting reinforcement must be run horizontally. It must start at least one stud space from a corner and be continuous around the corner. If no control joints are required at openings, diagonal strips of wire netting which are 450mm long by 300mm wide must be placed at an angle of 45 degrees across the corners to reinforce the opening. Alternatively, place additional 150mm wide strips of wire netting around the perimeter of openings.

Fastfix Premium-6 Crimped Plasterer's Netting must be fixed at 150mm centres to all vertical and horizontal framing. Fixings must be bent-over hot-dip galvanised flat head nails or Type 304 or 316 stainless steel staples. Fixings must have a minimum diameter of 2.8mm and a minimum embedment into the wall frame of 35mm. (Note: Cavity battens are considered

packers only and nail penetration through the batten does not count towards the minimum embedment length.)

Fastfix Premium-6 Crimped Plasterer's Netting laps must be a minimum of 100mm and end laps must be a minimum of 150mm. End laps must be staggered. Fastfix Premium-6 Crimped Plasterer's Netting must be tied together at laps with Bayonet low tensile galvanised tie wire or clips which are not less than 1.2mm diameter, spaced at not more than 150mm centres, or fixed to the framing at these centres.

Size Range Available

Product Code	Width (mm)	Mesh (mm)	Wire Diameter (mm)	Length (m)	Weight (kg)	Barcode
HN90025150P6FF	900	25	1.0	50	30.00	9421026722133
HN90025120P6FF	900	25	1.0	20	12.25	9421026722119
HN90019150P6FF	900	19	1.0	50	37.00	9421026722096