

Class 1 Building Product Information Sheet

Product name (include the brand name):

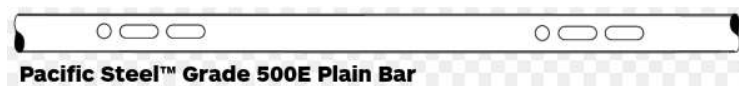
Anchor Ductile Reinforcing Mesh

Other product names (variant, sub-variant, functional name, etc. if applicable)

WWRSE62 6.1mm
WWRSE72 7.0mm
WWRSE82 8.0mm
WWRSE92 9.0mm

Product description and its intended use (measurements, materials, usage):

Manufactured to meet AS/NZS 4671:2019 "Steel for the reinforcement of concrete" Grade 500MPa (microalloy), ductility class E, sourced from Pacific Steel (NZ) Ltd. Welded at 200mm pitch, each batch is independently tested and tagged. Test Certificates are available for all ductile mesh specifications



Place of manufacture:

New Zealand

Legal name of the manufacturer(s):

Anchor Wire Limited

Trading name of the manufacturer(s):

Anchor Wire

New Zealand Business Number (NZBN):

NZBN 9429040568829

Address for service:

Anchor Wire Limited 131 Kerrs Road, Wiri, Auckland , New Zealand

Website, email, phone

W: www.anchorwire.co.nz E: sales@anchorwire.co.nz P: 0064(09) 2666 666

Relevant Building Code clauses:

AS/NZS 4671:2019, Steel for reinforcement of concrete.
B1 Structure: B1.3.1, B1.3.2 & B1.3.3 (a, b, d, f, g, h, m & q) and B1.3.4 (d)
B2 Durability: B2.3.1 (a):

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

Anchor Ductile Reinforcing Mesh Grade 500E, manufactured in accordance with AS/NZS 4671:2019, is expected to contribute to compliance with the New Zealand Building Code (NZBC) as follows:

When designed, specified, and installed in accordance with NZS 3101, NZS 3604, and NZS 3109, the mesh contributes to compliance with the performance requirements of NZBC Clause B1 (Structure) by providing tensile strength and ductility required for structural and seismic performance. It also contributes to compliance with Clause B2 (Durability) when adequately embedded in concrete and protected from corrosion.

Limitations on the use of the building product:

Design engineer will specify appropriate mesh for the application.
Anchor Ductile Reinforcing Mesh Grade 500E can not be re bent cold.
At production Anchor Wire Ltd's mesh meets AS/NZS4671:2019 Grade 500E.

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

Anchor Ductile Reinforcing Mesh Grade 500E should be specified by a Structural Engineer to ensure compliance with the New Zealand Building Code.

Installation requirements

At installation the mesh should only be installed by trained personnel to meet appropriate New Zealand Codes. Utilisation of PPE on site is recommended.

Maintenance requirements

Anchor Ductile Reinforcing Mesh Grade 500E should be stored off the ground in dry conditions to prevent corrosion. Avoid damage in transportation and handling onsite. Exposure to chemicals or salts may impact the material, however light surface rust will not impact performance. If unsure please re test materials.

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

Anchor Ductile Reinforcing Mesh is **not** subject to a warning or ban under section 26.