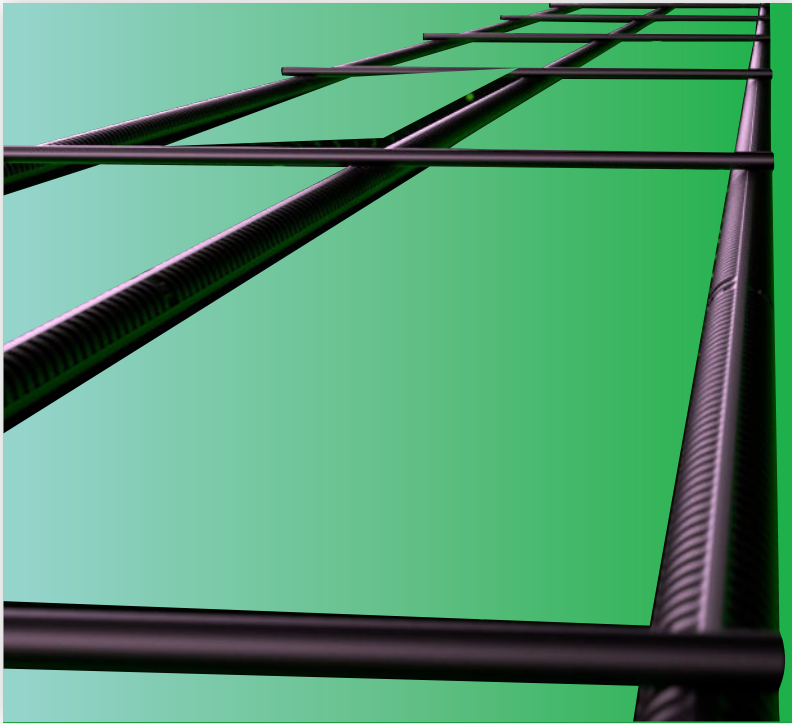


SENSE 600[®] TrenchMesh[™]

SENSE 600[®] TrenchMesh[™] **Product Guide**



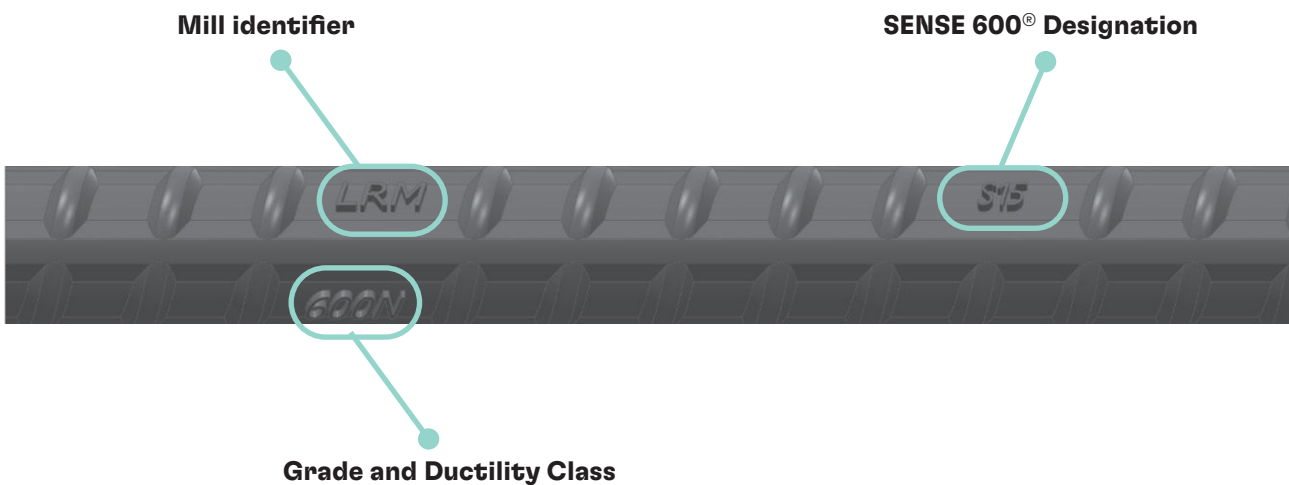


SENSE 600[®] TrenchMesh[™]



We make
it easy to
identify

SENSE 600[®] Bar identifiers



SENSE 600[®] TrenchMesh[™] **is a new range of trench mesh with improved sustainability credentials**

SENSE 600[®] TrenchMesh[™] is trench mesh developed using InfraBuild's innovative reinforcing bar product, SENSE 600[®], which delivers a lower carbon footprint solution for customers.

This is a direct replacement for the Grade 500 MPa trench mesh that is commonly available to date making an easy transition.

SENSE 600[®] TrenchMesh[™] is Class N Ductility (Normal Ductility) providing improved footing performance.

We've made it easy, SENSE 600[®] TrenchMesh[™] is CodeMark certified, giving you the assurance that it conforms to AS/NZS 4671 and AS 2870.



SENSE 600[®] TrenchMesh[™] can be a direct substitute for Grade 500

✓ Supported by CodeMark certification



Up to 16.7% less raw material*

✓ Easier to handle



Lower embodied carbon construction solution*

✓ Up to 44% reduction in embodied carbon

**Than our standard Grade 500 reinforcing bar*

SENSE 600[®] TrenchMesh[™] offers a high degree of material circularity:

SENSE 600[®] TrenchMesh[™] optimises the higher strength steel, innovative bar design, and scrap steel, SENSE 600[®], to deliver improved sustainability credentials. SENSE 600[®] is manufactured in Australia by InfraBuild from scrap steel. Utilising this means a high recycled content and a high degree of material circularity.

- ✧ It can deliver a lower embodied carbon solution of up to 44 % than our standard-grade trench mesh.
- ✧ Uses up to 16.7 % less raw materials when compared to our Grade 500 MPa trench mesh, allowing you to positively impact the sustainability of construction.

SENSE 600[®] TrenchMesh[™] meets your compliance needs:



- ✧ Conforms to AS/NZS 4671 and AS 2870
- ✧ JAS-ANZ third party accredited
- ✧ Compliant with National Construction Code (NCC) when designed to Australian Standards
- ✧ GECA Certified, in line with our sustainability focus and credentials

SENSE 600[®] TrenchMesh[™] is CodeMark certified for specific applications for ease of substitution.

SENSE 600[®] TrenchMesh[™] A choice that makes sense:

InfraBuild is committed to its role in supporting Australia's shift to a lower carbon emission economy. The development of innovative new products and solutions that improve building design, construction efficiency and lower embodied carbon outcomes are our focus.

SENSE 600[®] TrenchMesh[™] offers enhanced sustainability credentials without compromising on performance.

SENSE 600[®] TrenchMesh[™] has been manufactured to be easily identifiable:

- ✧ SENSE 600[®] has a unique bar profile distinguished by four longitudinal ribs and a square core.
- ✧ SENSE 600[®] has rolled-in mill marks indicating Grade 600, Ductility Class, Mill and Bar Section Identifiers.

SENSE 600[®] TrenchMesh[™] Product range

The table below shows the new SENSE 600[®] TrenchMesh[™] product codes with the Grade 500 equivalent.

SENSE 600 [®] TrenchMesh [™]			500L
Designation	No. Bars	Diameter (mm)	Designation
3-S10TM	3	9.8	3-L11TM
4-S10TM	4	9.8	4-L11TM
5-S10TM	5	9.8	5-L11TM
6-S10TM	6	9.8	6-L11TM
3-S11TM	3	11	3-L12TM
4-S11TM	4	11	4-L12TM
5-S11TM	5	11	5-L12TM
6-S11TM	6	11	6-L12TM
SENSE 600 [®] TrenchMesh [™]			500N
3-S15TM	3	14.6	3N16
4-S15TM	4	14.6	4N16

Disclaimer:

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**It just makes
SENSE**