
SENSE 600[®] TrenchMesh[™] Product Guide



What is SENSE 600[®] TrenchMesh[™]?

SENSE 600[®] TrenchMesh[™] is trench mesh constructed 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 without requiring any re-engineering.

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.

What is SENSE 600[®]?

SENSE 600[®] is a new range of reinforcing steel, optimising higher strength steel, innovative bar design, and 100 per cent steel scrap to deliver improved sustainability credentials.

- It's lighter, yet has the same Load Capacity as 500N
- It can deliver a lower embodied carbon solution of up to 40 per cent than our standard-grade reinforcing steel.

Why are we changing?

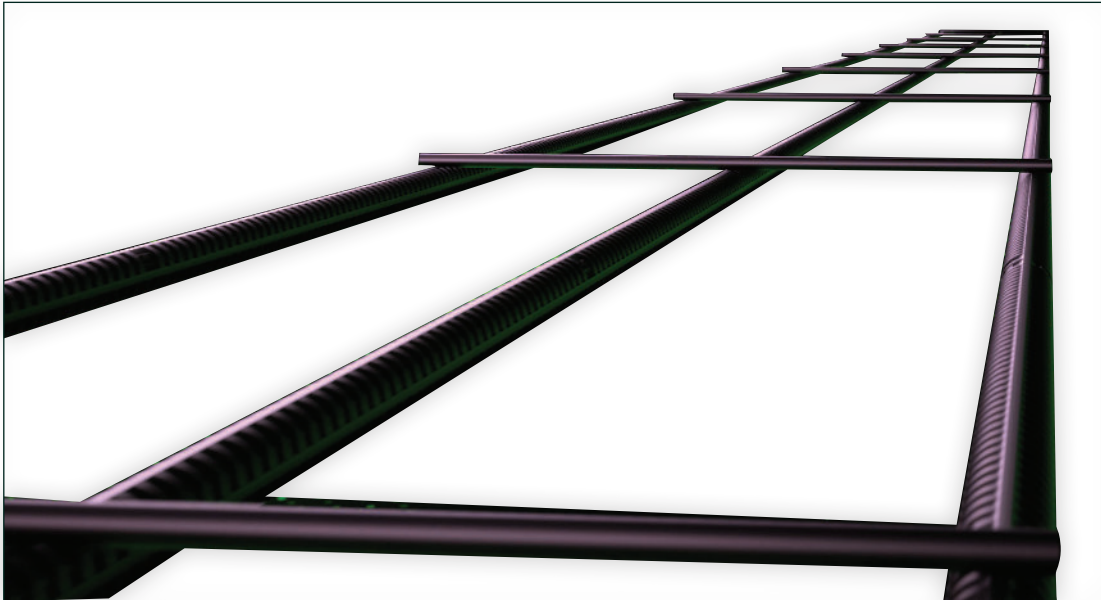
InfraBuild is committed to its role in supporting Australia's shift to a lower carbon emission economy. The development of innovative new products and solutions that improve building design, construction efficiency and lower embodied carbon outcomes are our focus.

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

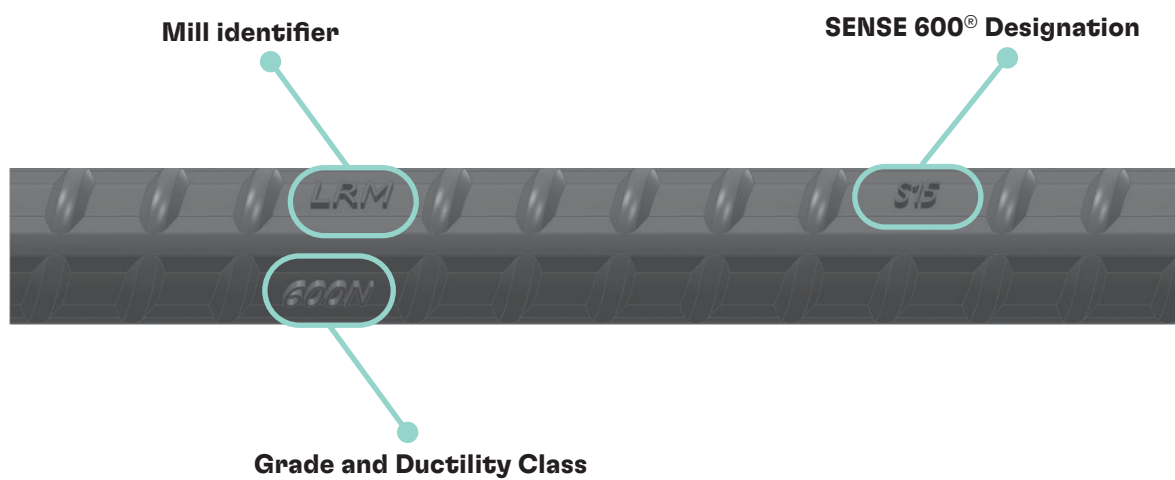
SENSE 600[®] TrenchMesh[™] has been manufactured to be easily identifiable:

- 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[™]



SENSE 600[®] Bar identifiers



What are the product codes that will be changing?

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

SENSE 600 [®] Trench Mesh [™]			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 [®] Trench Mesh [™]			500N
3-S15TM	3	14.6	3N16
4-S15TM	4	14.6	4N16

Disclaimer:

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It just makes **SENSE**