

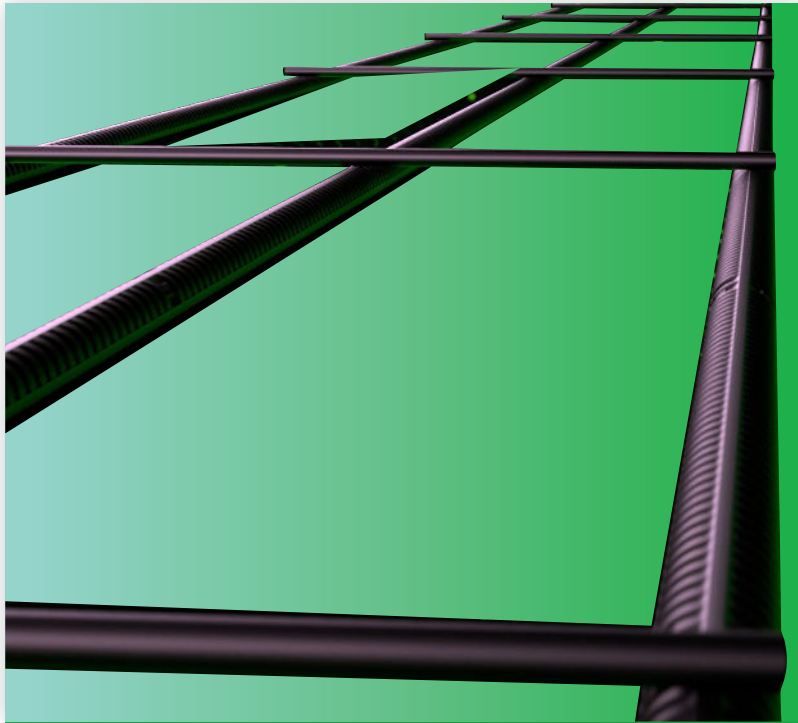
# SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup>



SCAN ME

# SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> Product Guide



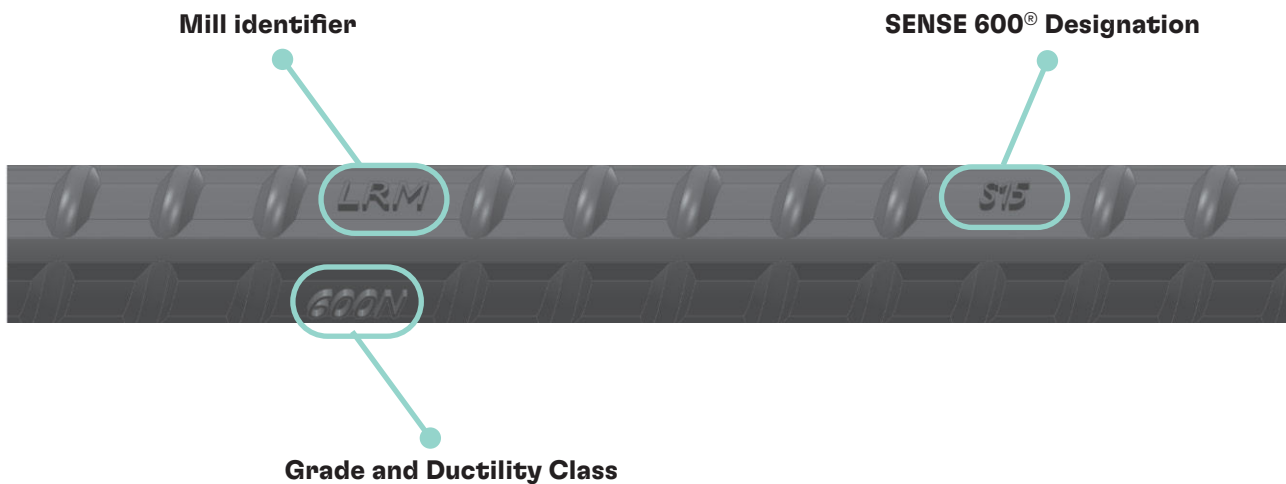


## SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup>



We make  
it easy to  
identify

## SENSE 600<sup>®</sup> Bar identifiers



# **SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup>** is a new range of trench mesh with improved sustainability credentials

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**SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup>** is trench mesh developed using InfraBuild's innovative reinforcing bar product, SENSE 600<sup>®</sup>, 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<sup>®</sup> TrenchMesh<sup>™</sup> is Class N Ductility (Normal Ductility) providing improved footing performance.

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



**SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> 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<sup>®</sup> TrenchMesh<sup>™</sup> offers a high degree of material circularity:

SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> optimises the higher strength steel, innovative bar design, and scrap steel, SENSE 600<sup>®</sup>, to deliver improved sustainability credentials. SENSE 600<sup>®</sup> 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<sup>®</sup> TrenchMesh<sup>™</sup> 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<sup>®</sup> TrenchMesh<sup>™</sup> is CodeMark certified for specific applications for ease of substitution.

## SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> 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<sup>®</sup> TrenchMesh<sup>™</sup> offers enhanced sustainability credentials without compromising on performance.

SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> has been manufactured to be easily identifiable:

- ↳ SENSE 600<sup>®</sup> has a unique bar profile distinguished by four longitudinal ribs and a square core.
- ↳ SENSE 600<sup>®</sup> has rolled-in mill marks indicating Grade 600, Ductility Class, Mill and Bar Section Identifiers.

# SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> Product range

The table below shows the new SENSE 600<sup>®</sup> TrenchMesh<sup>™</sup> product codes with the Grade 500 equivalent.

SENSE 600 <sup>®</sup> TrenchMesh <sup>™</sup>			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 <sup>®</sup> TrenchMesh <sup>™</sup>			500N
3-S15TM	3	14.6	3N16
4-S15TM	4	14.6	4N16

## Disclaimer:

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# It just makes **SENSE**



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