



SUBSTITUTION OF N12 REBAR IN AS 2870 RESIDENTIAL SLABS AND FOOTINGS

A green-slip amendment to AS 2870, issued 22nd November 2002.

Section 1.9 was completely revised to reference AS 4671 as the Standard for reinforcement in slabs and footings.

As a result of these changes, the old Clause that allowed the substitution of Y12, 400 grade rebar with 10.7 Class L, 500 grade ribbed bar has now been deleted. Further additions to the current rules in Section 1.9 are proposed in the current draft revision of AS 2870 that will further support the use of Class N steel in the standard designs of Section 3.

Only Class N bars as detailed in Section 3 can be used in the standard designs and provide a "deemed to comply" design. If Engineers or Builders continue to specify 10.7 Class L bar they will have to justify its use via Section 4, *Design by Engineering Principles*.

SRIA members will not provide any advice on the substitution of N12 bars with 10.7 Class L bar except to say that L10.7 bars should only be used where specified on the drawings by the Engineer responsible for the design.

SRIA members will not substitute N12 bars with L10.7 bars where N12 has been specified or ordered.

