

Specification for steel fabric for the reinforcement of concrete

AMENDMENT NO. 2

September 2022

1. *Replace* “SS 560:2010” with “SS 560:2016” throughout the standard.
2. **Page 2, Table of contents**
 - a) *Replace* the title of Annex C with the following text:

Comparison of symbols used in this standard with those used in SS EN 1992-1-1:2008+A1:2020 (informative)
 - b) *Delete* Table 4 and *renumber* Table 5 and Table 6 accordingly.
3. **Page 7, Foreword**

Replace paragraph 8 with the following text:

This SS 561:2010(2022)+A2:2022 and SS 560:2016 – ‘Steel for the reinforcement of concrete – Weldable reinforcing steel – Bar, coil and decoiled product’ are intended for use with SS EN 1992-1-1:2008+A1:2020 – ‘Design of concrete structures – Part 1-1: General rules and rules for buildings’.
4. **Page 10, Clause 4 Symbols**
 - a) *Replace* U₁, U₂, U₃, U₄ in Table 1 with the following symbols:

O₁, O₂, O₃, O₄
 - b) *Replace* last row of Table 1 with the following text:

A comparison between the symbols used in this standard and those used in SS EN 1992-1-1:2008+A1:2020 is given in Annex C.
5. **Page 11, Clause 5 Designation**

Replace b) with the following text:

the number of this Singapore Standard, i.e. SS 561:2010(2022)+A2:2022;
6. **Page 11, 7.2.2 Conditions of testing**

Replace paragraph 2 with following text:

Ageing method: Heat the test piece to 100 °C, maintain at this temperature (±10 °C) for a period of 60 to 75 mins, and then cool in still air to room temperature. The method of heating shall be left to the discretion of the manufacturer.
7. **Page 14, 8.1.3.1 Tensile properties**
 - a) *Replace* the last sentence in 8.1.3.1.1 with the following text:

and all individual values are greater than or equal to the minimum values given in SS 560:2016, Table 12 and Table 13.

b) *Delete* Table 4.

c) *Replace* 8.1.3.1.2 b) with the following text:

$\bar{x} \leq 1.35$ for R_m/R_e and all individual values for R_m/R_e are equal to or lower than the maximum values given in SS 560:2016, Table 12.

8. Page 15, 8.2.2 Evaluation of the test results of the preceding six months operation

Replace line 7 with the following text:

k is the coefficient listed in Table 4 for R_e , and in Table 5 for A_{gt} and R_m/R_e ;

9. Page 16, Tables 5 and 6

a) *Replace* the title of Table 5 with the following text:

Table 4 – R_e coefficient k as a function of the number (n) of test results (for a reliable failure rate of 5 % [$p = 0.95$] at a probability of 90 %

b) *Replace* the title of Table 6 with the following text:

Table 5 – A_{gt} and R_m/R_e coefficient k as a function of the number (n) of test results (for a reliable failure rate of 10 % [$p = 0.90$] at a probability of 90 %

10. Page 20, Figure A.1 – Geometric characteristics of purpose-made welded fabric

a) *Replace* keys “PL” and “PC” with “P1” and “P2” respectively.

b) *Replace* keys “U₁, U₂, U₃, U₄” with “O₁, O₂, O₃, O₄” respectively.

11. Page 25, Annex C

Replace the title of Annex C with the following text:

Comparison of symbols used in this standard with those used in SS EN 1992-1-1:2008+A1:2020