

Effective from 1 May 2024 structural steel, including posts and columns used in residential flooring systems, must meet the deemed-to-comply Provisions described in Section 6 of the 2022 ABCB Housing Provisions Standard

NCC 2022 Volume Two & Housing Provisions Standard Table 6.3.9a Minimum <i>deemed-to-comply</i> corrosion protection for galvanized structural steel					
Environment		Typical Location	Minimum coating requirement and thickness	Minimum <i>deemed-to-comply</i> corrosion protection	Non-compliant to Table 6.3.9a
C2	Low	<ul style="list-style-type: none"> <li>More than 10 km from breaking surf</li> <li>More than 1 km from sheltered bays</li> </ul>	HDG75 (10 microns)	All batch HDG, DuraGal <sup>®</sup> ULTRASPEC-GAL <sup>®</sup>	AllGal <sup>®</sup>
C3	Medium	<ul style="list-style-type: none"> <li>More than 1 km from breaking surf and aggressive industrial areas</li> <li>More than 100 m from sheltered bays</li> </ul>	HDG225 (31 microns)	All batch HDG	AllGal <sup>®</sup> DuraGal <sup>®</sup> ULTRASPEC-GAL <sup>®</sup>
C4	High	<ul style="list-style-type: none"> <li>Between 200 m and 1 km from breaking surf</li> <li>Within 100 m of sheltered bays</li> </ul>	HDG450 (63 microns)	All batch HDG for steel thicker than 3 mm	AllGal <sup>®</sup> DuraGal <sup>®</sup> ULTRASPEC-GAL <sup>®</sup> Batch HDG < HDG450 <sup>2</sup>
C5	Very High	<ul style="list-style-type: none"> <li>Up to 200 m inland from breaking surf and aggressive industrial areas</li> </ul>	HDG900 (125 microns)	Seek specialist advice	AllGal <sup>®</sup> DuraGal <sup>®</sup> ULTRASPEC-GAL <sup>®</sup> Batch HDG < HDG900

- Notes
- All batch HDG must be specified, ordered and supplied to AS/NZS 4680
  - Batch HDG < HDG450 typically applies when the steel thicknesses is 3 mm or thinner
  - All coatings must have damage to the galvanized coating (eg cuts or welds) repaired to be deemed-to-comply to Table 6.3.9a

