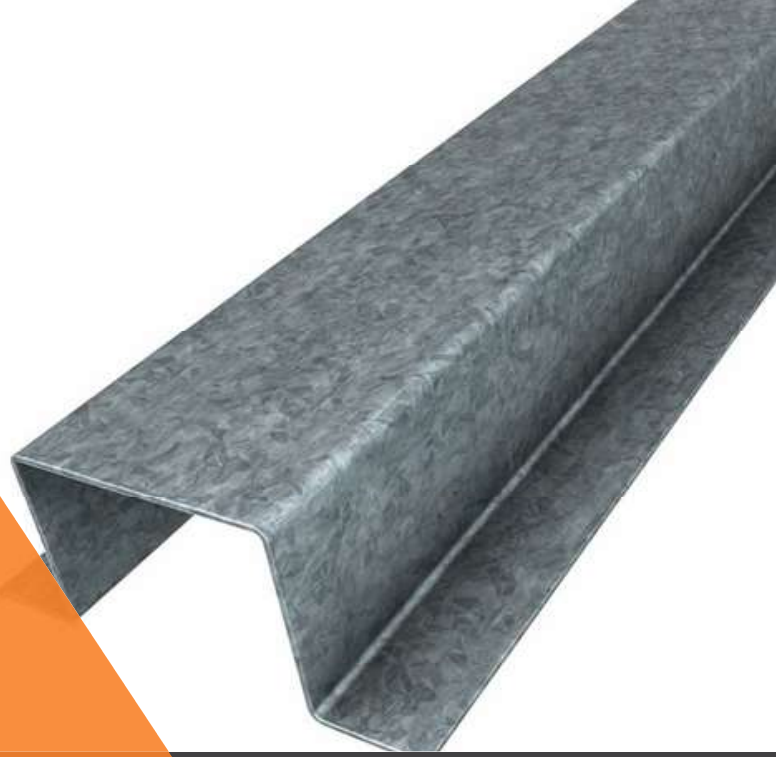


## WHEN Z450 TOP HATS ARE RECOMMENDED



### EXTERNAL FRAMING INCLUDING TOP HATS

RONDO ELEMENT, LOCATION AND CONSTRUCTION TYPE	External Corrosivity Zones from AS4312:2019 and ISO 9223:2012	
	C3	C4
	Coastal areas with low salinity and urban and industrial areas with low pollution. This zone can vary significantly and should be checked closely	Coastal areas with rough seas, extent varies from 300m to 1km inland
External wall located behind a pressure sealed barrier	Z275	Z275 Fully wrapped <sup>1</sup>
External wall located with a rain screen façade, or ventilated <sup>2</sup>	Z450	Z450 Exterior to fully wrapped wall
External soffit unventilated	Z275	Z275 Fully wrapped
External soffit ventilated	Z275	Z450 Exterior to fully wrapped wall

<sup>1</sup> Fully Wrapped refers to the installation of vapour permeable membrane, installed in accordance with AS/NZS4200.2 Pliable Building Membranes and Underlays to the external side of the framing. The internal side of the framing is to be directly lined.

<sup>2</sup> Framing members are assumed to be on the exterior side of the membrane. For framing inboard of the membrane refer to the framing details for the external wall behind the pressure sealed barrier.

EXTERNAL FRAMING INCLUDING TOP HATS				
RONDO ELEMENT, LOCATION AND CONSTRUCTION TYPE	External Corrosivity Zones from AS4312:2019 and ISO 9223:2012			
	C1	C2	C3	C4
	Semi-sheltered locations remote from marine or industrial influence	Areas >50km from the coast but can extend to 1km for calm coastal Areas	Coastal areas with low salinity and urban and industrial areas with low pollution. This zone can vary significantly and should be checked closely	Coastal areas with rough seas, extent varies from 300m to 1km inland.
External wall located behind a pressure sealed barrier	Z275	Z275	Z275	Z275 Fully wrapped <sup>(1)</sup>
External wall located within a rain screen façade, or ventilated <sup>(2)</sup>	NA	Z275	Z450	Z450 Exterior to fully wrapped wall Alternatively Z275 2pack epoxy primer (75µm) + 2pack epoxy topcoat (175µm) <sup>(3)</sup> Exterior to fully wrapped wall
External soffit unventilated	Z275	Z275	Z275	Z275 Fully wrapped <sup>(1)</sup>
External soffit ventilated	NA	Z275	Z275	Z450 Exterior to fully wrapped wall Alternatively Z275 2pack epoxy primer (75µm) + 2pack epoxy topcoat (175µm) <sup>(3)</sup> Exterior to fully wrapped wall

NOTES TO TABLE:

1. Fully wrapped refers to the installation of a vapour permeable membrane, installed in accordance with AS/NZS4200.2 Pliable Building Membranes and Underlays to the external side of the framing. The internal side of the framing is to be directly lined and sealed full height. Proper cavity drainage is required when the wall is wrapped.
2. Framing members are assumed to be on the exterior side of the membrane. For framing inboard of the membrane refer to the framing details for the external wall behind the pressure sealed barrier.
3. See NASH Standard Part 2 Table B3 for specific paint details. The coating is specified as the Dry Film Thickness (DFT).
4. NA – these corrosivity zones don't exist if the space is not ventilated.
5. Temperature can vary, but framing should not be directly subjected to external atmosphere. Condensation needs to be prevented.
6. The term Design Life is defined in the introductory section A6.5 Durability. An indicated Design Life does not imply a warranty.
7. Specific design required for enclosed swimming pool areas.

