

PRECAST CONCRETE WHEEL STOP

Technical Data Sheet - Council & Commercial Applications

Base Length	Top Length	Width	Height	Concrete
1650 mm	1640 mm	160 mm	100 mm	60 MPa

PRODUCT DESCRIPTION

High-strength reinforced precast concrete wheel stop for council, commercial and civil car parks. Proposed council/commercial model uses a 1650 mm envelope, two recessed fixing locations and two longitudinal N10 reinforcing bars.

Specification	Detail
Overall base / top length	1650 mm / 1640 mm
Width / height	160 mm / 100 mm
Concrete strength	60 MPa
Reinforcement	2 x N10 longitudinal bars
Fixing points	2 recessed holes
Hole location	250 mm from each end; 1150 mm centres
Across-width centre	80 mm from each side
Through hole / counterbore	Approx. Ø20 / Ø50 x 20 mm deep
Finish / manufacture	Natural grey; Edinburgh North, SA

PROPOSED REINFORCEMENT POSITION

2 x N10 bars, symmetrical either side of the central fixing-hole line. Bar centres approx. 35 mm above the bottom face (approx. 25-30 mm clear bottom cover) and approx. 35-40 mm from each side face. Fixing holes pass centrally between bars. Bars must be supported in the mould to maintain cover.

FIXING & INSTALLATION

Concrete: suitable masonry / screw-bolt fixing.
Asphalt/bitumen: suitable galvanised pavement pin or spike. Final fixing selection and installation method must suit the pavement construction and project specification.

STANDARD / PROJECT REQUIREMENTS

Developed around the commonly specified AS 2890.1:2004 car wheel-stop dimensional envelope. Final product acceptance, structural design, positioning, fixing, installation and suitability must be verified against the current project specification, applicable Australian Standards and the relevant council / project engineer requirements before the product is represented as approved for a particular project.

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