



PRODUCT OVERVIEW

Retain The Earth manufactures high-strength precast concrete sleepers in Edinburgh North, South Australia. Sleepers are produced for retaining-wall applications using 60 MPa concrete, with engineered N10 / N12 reinforcement options depending on sleeper thickness and design duty.

STANDARD PRODUCT RANGE

Nominal lengths	2000, 2350 and 2400 mm
Face height	200 mm
Thickness	80 mm or 100 mm
Concrete strength	60 MPa
Reinforcement	N10 / N12 engineered options
Finish	Plain and patterned ranges
Manufacture	Precast reinforced concrete

APPLICATIONS

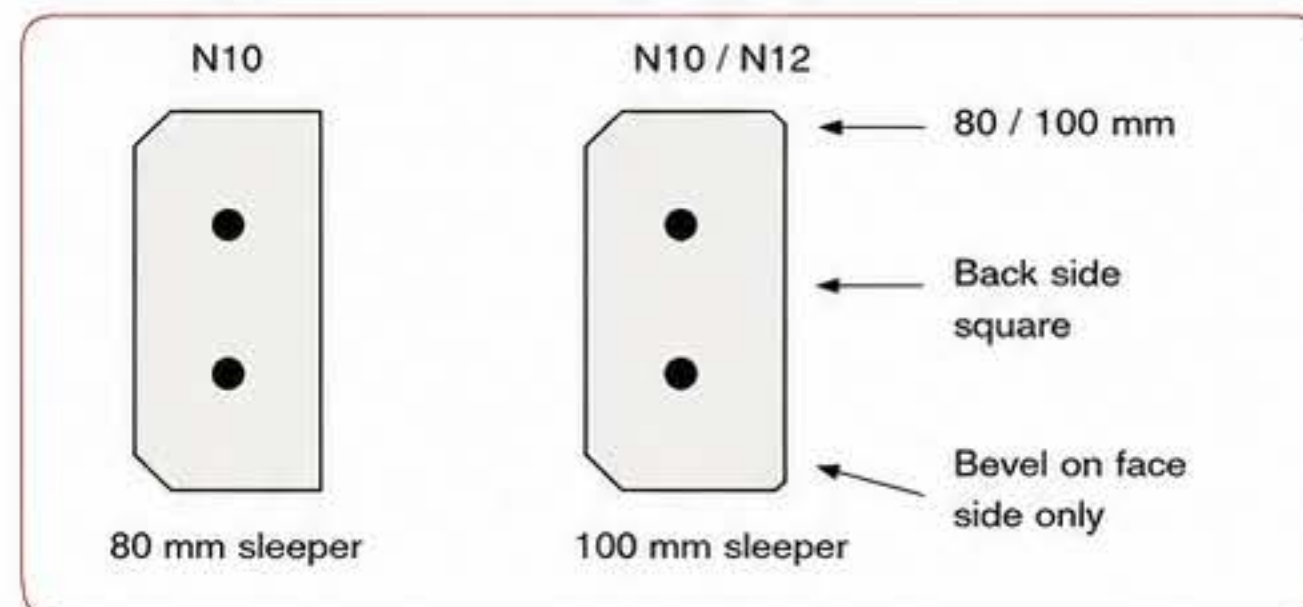
- Residential retaining walls
- Commercial landscaping and boundary works
- Civil and infrastructure landscaping
- Tiered retaining systems
- Fencing / landscape integration projects

ENGINEERING DESIGN SUMMARY

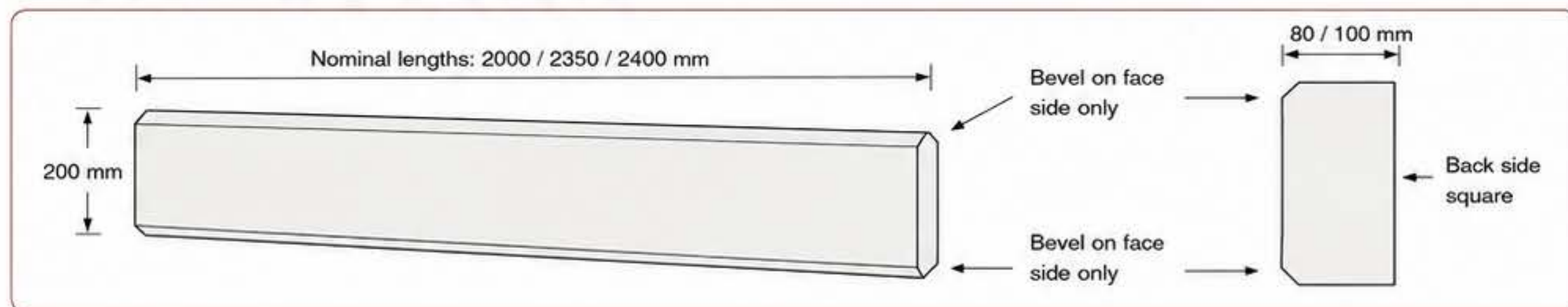
Retain The Earth sleeper engineering was prepared by Lelio Bibbo Consulting Engineers Pty Ltd (Ref. 210631, 15 June 2021) to AS 3600 using 60 MPa concrete.

Sleeper	Reo	2.0 m span	2.4 m span
80 mm	N10	2.0 m	1.2 m
100 mm	N10	2.6 m	1.8 m
100 mm	N12	3.0 m	2.4 m

REINFORCEMENT / SECTION - INDICATIVE



BEVELLED EDGE PROFILE - INDICATIVE



QUALITY & SUPPLY

- 60 MPa concrete - engineering reference prepared to AS 3600.
- South Australian manufactured at Edinburgh North.
- Direct-to-trade supply for installers, builders, fencing and civil contractors.
- Bulk/project quantities, local collection and Adelaide metropolitan delivery available.
- Engineering calculations and structural documentation available for project review.

IMPORTANT DESIGN NOTE

Retaining-wall height, post size/spacing, footing design, drainage, surcharge and site conditions must be checked by the project engineer. This sheet is a product summary and does not replace project-specific engineering.