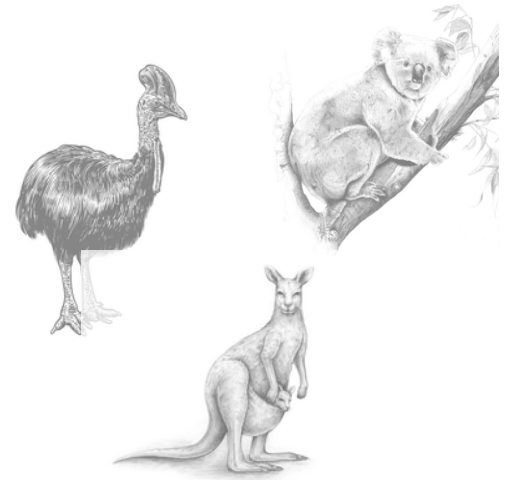


CASE STUDY

NATURE SERIES

HUMES BEBO[®] PRECAST CONCRETE ARCH



ENGINEERED CROSSINGS CONNECTING NATURE



ISSUED BY HUMES



National Sales

1300 361 601

humes.com.au

Humes Bebo® Arch



Project Background

The Humes Bebo®Precast Concrete Arch system is increasingly used across Australia for fauna and flora crossings. Its modular design allows for fast and safe installation, reducing site disturbance which is an essential benefit in environmentally sensitive areas. Available in every state and territory, the system can be custom-designed to meet a wide range of project needs.

Why Precast?

Precast offers numerous advantages on ecological projects, including faster construction times, improved safety and consistent high-quality finishes. For fauna and flora crossings, minimising on-site activity is critical, making precast the preferred option for design consultants, contractors and asset owners for their aesthetics and low ongoing maintenance costs.

Product Capabilities

Humes supplies the Bebo®Arch in a range of sizes, tailored to each project's design. Special finishes and mixes can be incorporated and fittings may be cast into the arch during production to allow for external custom features or site-specific enhancements.

Profile	Dimensions					No. of pieces	Unit mass (t)	Total Mass (t)
	Internal Span 'S'	Internal Height 'H'	Dimension 'A'	Thickness 'T'	Unit Length (mm)			
6210S	6.0	2.1	0	200	2,500	One	11.9	11.9
6310S	6.0	3.1	1.0	200	2,500	One	13.2	13.2
9300S	9.0	3.0	0	250	1,800	One	14.2	14.2
9400S	9.0	4.0	1.0	250	1,800	One	16.5	16.5
12300S	12.0	3.0	0	250	1,800	One	16.8	16.8
12400S	12.0	4.0	0	250	1,800	One	18.9	18.9
15500T	15.0	5.0	0	350	1,800	Two	15.6	31.1
18600T	18.0	6.0	0	350	1,800	Two	18.8	37.6
21700T	21.0	7.0	0	350	1,800	Two	22.7	45.3
25900T	25.6	9.0	1.0	450	1,200	Two	25.5	50.1

Bebo Arch Specifications

Sustainability Focus

Humes continues to reduce the embodied carbon of its precast concrete products by incorporating up to **50% supplementary cementitious materials (SCMs)**, using Flyash , Slag or a combination of both. This approach supports long-term durability while also contributing to environmental performance goals.

