

PRECASTER DEVELOPS EPD FOR CONCRETE PIPES

A PROUD ADVOCATE FOR SUSTAINABILITY IN CIVIL CONSTRUCTION, PIPES MANUFACTURER HUMES HAS DEVELOPED AND PUBLISHED AN ENVIRONMENTAL PRODUCT DECLARATION (EPD) FOR REINFORCED CONCRETE PIPES UNDER ACCREDITATION OF EPD AUSTRALASIA.



Humes has a history of supplying critical, high quality precast elements.

The company's commitment to environmental transparency was ground-breaking for the construction manufacturing industry. The precast and prestressed concrete products' EPD was certified and published in 2020.

Humes uses the lifecycle modelling data from their EPDs to calculate the embodied carbon of precast products for each project and offset these carbon emissions by supporting projects that affect real change.

As a part of its commitment to sustainability, the company has partnered with the Infrastructure Sustainability Council of Australia (ISCA) as a member since 2010. Alongside the ISCA, Humes has helped

develop sustainable practices for design, construction and operation of infrastructure projects.

Humes is also certified under the Australian Government's National Carbon Offset Standard, 'Climate Active, Carbon Neutral'.

National Precast Concrete Association Australia Chief Executive Officer Sarah Bachmann commends Humes for its initiatives in sustainability.

"It's master precasters like Humes who are leading the way with best practice across environmental and other industry benchmarks," comments Bachmann.

As the Australian precast division of global

building materials company LafargeHolcim, Humes has a strong and established history of supplying critical, high quality precast elements to infrastructure projects nationwide.

Impressively, LafargeHolcim is the first global building materials company to commit to a net zero pledge by 2050, with core 2030 targets aligned and validated with the Science Based Targets initiative (SBTi) – a joint initiative by CDP, the UN Global Compact (UNGC), the World Resources Institute (WRI) and WWF intended to increase corporate ambition on climate action. The journey toward net zero has seen LafargeHolcim reduce CO2 intensity by 27 per cent since 1990, focusing on reduction initiatives including clinker substitution, renewable energy, carbon capture and development of green products. ■

Precast concrete is a durable construction material that is suitable for both civil and architectural applications. Its manufacture uses local materials and supports local communities. The longevity of precast structures contributes to a sustainable building future by ensuring buildings and civil works last for many generations. As well, they are fire, flood and termite safe and thermally efficient. Precast buildings also require minimal maintenance.