

Climate declaration for StormPRO™ and SewerPRO™ Polypropylene Pipes

Declared unit: 1Kg of installed pipe

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804.

Product

This climate declaration covers polypropylene (PP) non-pressure pipes ranging from 150-900mm nominal diameter for a wide range of stormwater drainage and sewerage applications.

StormPro™ and SewerPro™ pipes are manufactured to a high standard in accordance with the Australian Standard AS/NZ 5065 – ‘Polyethylene and polypropylene pipes & fittings for drainage and sewerage applications’.

The EPD on which this climate declaration is based conforms with EN 15804 and PCR 2012:01 Construction Products and Construction Services v2.0, the EPD follows a “cradle-to-gate with options” scope. The climate declaration was based on a cradle to grave life cycle assessment study and other modules were deemed not relevant. The declared (functional) unit is one kilogram (1kg) installed PP pipe manufactured at a single site in Wagga Wagga (Australia). Product specifications in the EPD should be used to convert the declared unit to length of pipe.

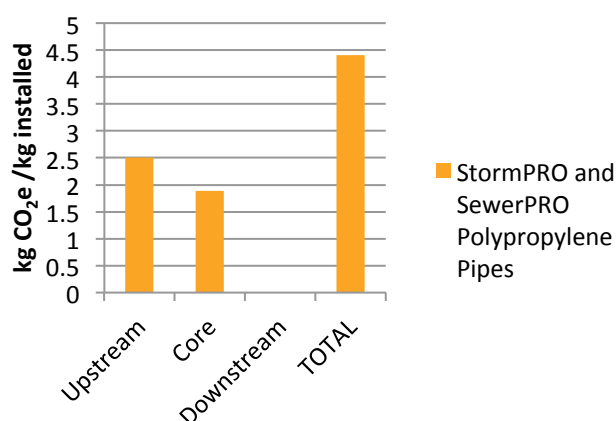
Company

Vinidex is a leading Australian supplier of PVC-U, PE and PP pipe systems Pipes. The company has nine manufacturing sites in Australia and a national network of warehouse and distribution facilities.

Climate declaration

The life cycle stages (EN 15804 process modules) included in this declaration are: raw material supply (A1), transport (A2 and A4), manufacturing (A3), installation (A5) and maintenance (B2). Module B2 activities include maintenance during use (jet clearing). At end-of-life pipes have negligible environmental impact therefor modules C1-C4 are excluded.

CO₂e per kg installed StormPro and SewerPro Pipe



Other environmental information

This declaration is limited to one impact category. For information about other relevant environmental impacts, see the EPD available at www.epd-australasia.com or www.environdec.com.

Contact information

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EPD PROGRAMME: THE AUSTRALASIAN EPD® PROGRAMME		REGISTRATION NO: S-P-00717	VALIDITY: 01.03.2021
PCR: CONSTRUCTION PRODUCTS AND SERVICES.	UN CPC: 36320 - TUBES, PIPES AND HOSES, AND FITTINGS THEREFOR.	PCR REVIEW CONDUCTED BY: TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: CATALYST LTD, NEW ZEALAND			ACCREDITED / APPROVED BY: AUSTRALASIAN EPD PROGRAMME
LINK TO MORE INFORMATION: WWW.EPD-AUSTRALASIA.COM			
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			