

Climate declaration for BlackMAX™ and SewerMAX™ 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 225-600mm nominal diameter for stormwater drainage and sewerage applications. Whilst most commonly used in underground drain and sewer applications, when provided with appropriate support these products are equally suitable for installation above ground in suspended stormwater systems.

Iplex BlackMAX™ and SewerMAX™ 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'.

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 unit is one kilogram (1kg) installed PP pipe manufactured at a single site in Brisbane (Australia). Product specifications in the EPD® should be used to convert the declared unit to length of pipe.

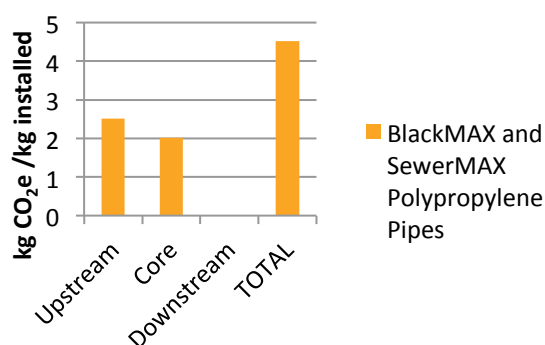
Company

Iplex Pipelines is the largest Australian owned and operated pipe and fittings manufacturing businesses in Australia with manufacturing and distribution capabilities in all States as well as New Zealand. All manufacturing plants have ISO 9002 quality assurance programs.

Climate declaration

The life cycle stages (EN 15804 process modules) of raw material supply (A1), transport (A2), manufacturing (A3), transport (A4), installation (A5) and maintenance (B2) are covered in this declaration. Pipes are left in the ground at end-of-life with negligible environmental impact, module C1-C4 are excluded. Module B2 activities include maintenance for clearing of pipes (jetting) in use.

CO₂e per kg installed BlackMAX and SewerMAX 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-00714	VALIDITY: 06.12.2020
PCR: CONSTRUCTION PRODUCTS AND SERVICES.	UN CPC: 5462 DRAIN LAYING SERVICES	PCR REVIEW CONDUCTED BY: TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: KIMBERLY ROBERTSON, 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			