ENVIRONMENTAL PRODUCT DECLARATION SUMMARY
PROMASEAL®-A and PROMASEAL®-AG

Product description

PROMASEAL®-A is an acrylic-based, single component fire stopping sealant. Joints without movement can be sealed quickly and securely thanks to its outstanding application qualities. A common emulsion paint can be used to colour the joints. PROMASEAL®-A is a fire stopping sealant for joints in walls and floors and can be used as an annular clearance seal between structural components and non-combustible sustained insulation.
PROMASEAL®-AG is an acrylic-based, intumescent, single component fire stopping mastic with high expansion factor. It is a fire stopping sealant for joints in walls and floors. PROMASEAL®-AG is designed for use with cables, cable bundles, conduits, combustible and non-combustible pipes with combustible insulation to prevent the spread of smoke, fire and heat.

Declared/Functional Unit

The EPD is representative and relevant for the following products: PROMASEAL®-A and PROMASEAL®-AG. Results below are related to 1kg production of PROMASEAL®-A as the reference product. According to the results of variability study, the EPD results are also valid for PROMASEAL®-AG.

EPD Program operator	EPD HUB
EPD registration no.	HUB-1553
Validity period	28/06/2024-28/06/2029
Followed standards for LCA/EPD	ISO 14025/ISO 21930 & EN15804+A2:2019

LCI Database/ Calculation date	Ecoinvent 3.8, Plastics Europe and OCLCA 2024
Geographical scope	Europe
Manufacturing location	Austria
Reference year of production data	2022

Key Assessment Results

CARBON FOOTPRINT	Total Global Warming Potential (GWP) including fossil, biogenic and luluc GWP
Product - Cradle to gate [A1–A3]	0.78 $kgCO_2$–Eq./m^2
Embodied Carbon - Cradle to gate, with options including A1-A3, A4-A5* and C1-C4** modules (*Only include packaging waste of final product; ** Scenario landfilling)	1.00 $kgCO_2$–Eq./m^2

Note: the production site uses 100% renewable electricity as the only energy source during the manufacturing.

Product			Construction		Building maintenance and use - B							Building End of Life - C			
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4
Raw Material	RM Transport to Factory	Manufacture products	Transport to site	Construction of the building	Use	Maintenance	Repair	Replacement	Refurbishment	Energy use for Building usage	Water Use for Building usage	Demolishing the building	Haul away waste materials	Recycling	Disposal
Embodied carbon												Embodied carbon			

For the full EPD, visit: Home | EPD Hub

For additional product information, visit: Fire-resistant silicone - Promat

etex inspiring ways of living