

## ENVIRONMENTAL PRODUCT DECLARATION SUMMARY

### PROMASEAL®-LX PRO



#### Product description

PROMASEAL®-LX PRO (PROMASEAL® PROFILES) is graphite-based, intumescent fire protection seal that intumesces above approx. 190 °C. PROMASEAL®-LX PRO is the PROMASEAL®-LX in the shape of Profile. It is available in two versions: A hot gas seal that protects against smoke and the spreading of fire; and a combination of a cold and hot gas seal that additionally protects against draft and noise.

#### Declared/Functional Unit

Results below are related to 1kg of PROMASEAL®-LX PRO. This EPD has been created based on the results of the naked profile, and the impact of the self-adhesive tape for the declared unit is added as an Annex to the EPD publication.

EPD Program operator	EPD HUB	LCI Database/ Calculation date	Ecoinvent 3.8/ OCLCA 2024
EPD registration no.	HUB-1179	Geographical scope	Europe
Validity period	01/03/2024-01/03/2029	Manufacturing location	Filago, Italy
Followed standards for LCA/EPD	ISO 14025/ISO 21930 & EN15804+A2:2019	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]	2.71 kgCO <sub>2</sub> -Eq./m <sup>2</sup>
Embodied Carbon - Cradle to gate, with options including A1-A3, A5* and C1-C4** modules (*Only include packaging waste of final product; ** Scenario landfilling)	3.17 kgCO <sub>2</sub> -Eq./m <sup>2</sup>

Note: Filago site uses 100% green electricity as the main 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: [PROMASEAL® PROFILES: Intumescent against hot and cold gases - Promat](#)