Promat

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

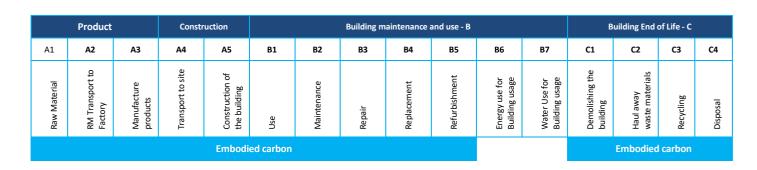
Results below are related to 1kg of PROMASEAL®-LX PRO. This EPD has been created based on the results of the naked profile, and the impact of the self-adhesive tape for the declared unit is added as an Annex to the EPD publication.

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 ₂ -Eq./m ²
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 ₂ -Eq./m ²

Note: Filago site uses 100% green electricity as the main energy source during the manufacturing.



For the full EPD, visit: Home | EPD Hub

For additional product information, visit: PROMASEAL® PROFILES: Intumescent against hot and cold gases - Promat

