

## ENVIRONMENTAL PRODUCT DECLARATION SUMMARY

### Pyrocoustic® Sealant



#### Product description

Pyrocoustic® Fire Resistant Sealant is a water based, acrylic, ablative sealant used to reinstate the fire resistance of wall and floor constructions in linear gap seals and where apertures are penetrated by single or multiple services.

#### Declared/Functional Unit

Results below are related to **1kg of white Pyrocoustic® Sealant** (in 310ml cartridge). According to the results of the variability study, the EPD results are representative for light grey, grey, red and brown Pyrocoustic® Sealant (in cartridge, foil or pail) as well.

EPD Programme operator	EPD HUB
EPD registration no.	HUB-3090
Validity period	21/03/2025-20/03/2030
Followed standards for LCA/EPD	ISO 14025 & EN15804+A2:2019

LCI Database/ Calculation date	Ecoinvent 3.8
Geographical scope	Europe
Manufacturing location	Measham, UK
Reference year of production data	Calendar year 2023

#### Key Assessment Results

CARBON FOOTPRINT	Total Global Warming Potential (GWP) including fossil, biogenic and luluc GWP
Cradle to gate [A1–A3 <sup>(1)</sup> ]	1.0 kgCO <sub>2</sub> –Eq./kg
Embodied Carbon - Cradle to gate, with options including A1-A3, A4 <sup>(2)</sup> , A5 <sup>(3)</sup> and C <sup>(4)</sup> modules	1.3 kgCO <sub>2</sub> –Eq./kg

- (1) Measham site is using electricity during manufacturing. As of April 2025, this electricity will be sourced from 100% renewable resources.
- (2) For the transportation from the production plant to the jobsite, a scenario was assumed with a transportation distance of 100 km via lorry. For other transportation distances, the impacts can be calculated by multiplying module A4 impact with the transport distance to the specific location and dividing by 100.
- (3) A5 only includes waste treatment of the packaging of the final product. Installation itself has not been included, as a wide variety exists depending on the application.
- (4) Landfill as the End-of-Life scenario.

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: [EPD HUB](#)

For additional product information, visit: [Pyrocoustic® Sealant - FSi Promat](#)