



# Environmental Product Declaration (EPD)

in accordance with  
EN15804:2012+A2:2019

## Product group

### PVC Rainwater Systems

Traditional rainwater profiles, gutter and downpipes are manufactured by extruding PVC resin and co-extruding a high gloss PVC skin to this core. This inclusion of recycled materials to the core reduces reliance on virgin raw materials and improves the profile's sustainable credentials. The rainwater profiles are complimented by a range of injection moulded PVC ancillary parts to connect and affix the system to the building.

Manufactured in various designs (round, ogee, square, deep) and colours, they are engineered to facilitate the diversion of rainfall water build up which could potentially cause erosion and damage to a buildings structure.

## Declared lifecycle stages

From raw material procurement to manufacturing (Cradle-to-gate with options) (product Stage A1-A3, construction stages A4-A5, use stages B1-B7, end-of-life stages C1-C4 and D).

## Declared functional unit

1kg of PVC Rainwater Systems

## Global warming potential-total (GWP)

1.71 kg CO<sub>2</sub> eq/kg of product.

## Period of data collection

Manufacturers-specific data has been collected for the year 2023.

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## Manufacturing site

Kayflow  
Pioneer House, Mariner,  
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