

CLIMATE DECLARATION FOR EXTRUDED PORCELAIN VENTILATED FAÇADE GA16 & GA20

Functional unit: 1 m² of a façade with extruded porcelain stoneware ceramic tiles (32.4kg/m² of weight) for 50 years

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804.

Information about the product

The 2 formats included in this EPD cover the ceramic coverings belonging to the group A1a (extruded porcelain ventilated façade) classification based on EN 14411:2016 (equivalent to ISO13006:2018). That is, its water absorption is less than 0.5% and its forming process is by extrusion.

Tile coverings of extruded porcelain for ventilated façades included in the study cover different models with different formats (GA16 and GA20). The thickness formats included in the scope of this EPD range from 18mm (31.6kg/m²) to 20mm (33.0kg/m²), with an average weight of 32.4kg/m².

Information about the company

Faveker is a company belonging to Gres de Aragón that was created in 2020 for the manufacture of porcelain stoneware tiles by horizontal extrusion with two main product branches:

- large format ventilated façades.
- Special large-format parts such as staircases, overflow edges and ceramic gratings that are part of the product kit marketed by Gres de Aragón

Faveker provides sustainable, quality, innovative and healthy ceramic architectural solutions in partnership with customers and specifiers, creating stable employment and high added value. Faveker® products can be found in residential buildings, public facilities or hotel, commercial and leisure complexes around the world.



Climate declaration

The table below lists the emissions of greenhouse gases A1-A5 for the product in kg CO₂ eq. per 1 m² of product.

GWP	A1-A3	A4	A5	C1
Fossil	19,5	1,2	13,4	0
Biogenic	1,6E-01	1,5E-03	5,8E-02	0
Luluc	4,9E-03	6,5E-03	5,3E-03	0
Total	19,6	1,2E+00	13,5	0
GWP	C2	C3	C4	D
Fossil	1,4E-01	0	1,3E-01	-2,9
Biogenic	-1,9E-04	0	1,4E-03	6,7E-02
Luluc	7,5E-04	0	5,7E-04	-7,2E-03
Total	1,4E-01	0	1,3E-01	-2,8

Other environmental impacts

For the full EPD, see www.environdec.com.

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EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM		REGISTRATION NO: S-P-06511	VALIDITY: 2027-09-05
PCR: 2019:14	UN CPC: 373	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: MARCEL GÓMEZ FERRER		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD® SYSTEM	
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