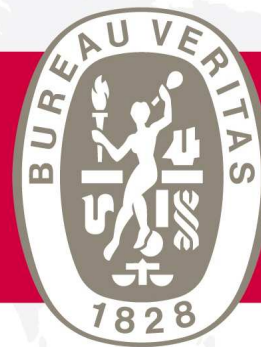


BUREAU VERITAS
Certification



Attachment to Verification Opinion IT327288-2
Bureau Veritas Italia S.p.A. declares that
IRIS CERAMICA GROUP - GRANITIFIANDRE S.P.A.

Via Radici Nord, 112 - CASTELLARANO (RE) - Italy
reported the carbon footprint in accordance with the

ISO 14067:2018

for “Roofing and/or decoration of 1 m² for residential and commercial use
for a duration of at least 50 years”

Reporting period: 2022

Reference CFP-PCR/PCR: PCR 2019:14 “Construction products”, version 1.3 (International EPD System)

Breakdown of CFP value by major life cycle stages (kgCO_{2eq} / functional unit):
see following pages.

Based on the process and procedures conducted, IRIS CERAMICA GROUP's GHG statement:

- is materially correct and is a fair representation of the GHG data and information, and
- is prepared in accordance with the related International Standard on GHG quantification, monitoring and reporting, or to relevant national standards or practices.

Regarding UPSTREAM and DOWNSTREAM emissions, since these emissions were also quantified through hypothesis and assumptions for which it is not possible to obtain sufficient evidence regarding their adequacy and accuracy, no assurance is expressed. Based on the analysis performed and sampling conducted, the emissions previously reported are found to be quantified in accordance with company procedures (AUP), and the inaccuracies found have been corrected.

The scope and methodologies of CFP quantification for “Roofing and/or decoration of 1 m² for residential and commercial use for a duration of at least 50 years” are stated in the document “Carbon Footprint di Prodotto - CFP - Relazione Tecnica”, revision no. 1, 27 October 2023.

The verification was conducted by Bureau Veritas Italia S.p.A. in accordance with the requirements of UNI EN ISO 14064-3. Details of the verification performed are given in the relevant Verification Report and in the Verification Opinion IT327288-2. Further clarification regarding this certificate can be acquired by contacting the organization.

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Breakdown of CFP value by major life cycle stages (kgCO_{2eq} / functional unit):

Type of emissions	kgCO _{2eq} /functional or declared unit		
	Site of Castellarano (Italy)		
	mm 6	mm 12	mm 20
Upstream Process	1,71E+00	3,52E+00	6,59E+00
Core Process	6,29E+00	1,22E+01	1,96E+01
Downstream Process	6,80E+00	9,72E+00	1,33E+01
Removals	---	---	---
GHG emissions, total fossil	1,47E+01	2,53E+01	3,94E+01
GHG emissions, total biogenic	1,09E-01	1,12E-01	1,17E-01
GHG emissions, total dLuc	1,76E-02	1,97E-02	2,27E-02
GHG emissions, total air transport	0,00E+00	0,00E+00	0,00E+00
Total CFP value per functional unit	1,48E+01	2,55E+01	3,95E+01

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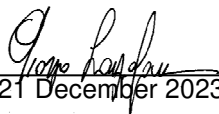
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Breakdown of CFP value by major life cycle stages (kgCO_{2eq} / functional unit):

Type of emissions	kgCO _{2eq} /functional or declared unit					
	Site of Fiorano Modenese (Italy)					
	mm 7	mm 7,5	mm 8,5	mm 8,8	mm 10	mm 10,5
Upstream Process	6,47E+00	7,36E+00	7,62E+00	8,45E+00	1,08E+01	1,10E+01
Core Process	4,89E+00	5,35E+00	5,62E+00	6,15E+00	7,53E+00	7,77E+00
Downstream Process	6,61E+00	6,84E+00	7,02E+00	7,31E+00	8,02E+00	8,20E+00
Removals	---	---	---	---	---	---
GHG emissions, total fossil	1,78E+01	1,94E+01	2,01E+01	2,17E+01	2,62E+01	2,68E+01
GHG emissions, total biogenic	1,58E-01	1,66E-01	1,68E-01	1,74E-01	1,94E-01	1,95E-01
GHG emissions, total dLuc	1,80E-02	1,83E-02	1,84E-02	1,87E-02	1,96E-02	1,97E-02
GHG emissions, total air transport	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total CFP value per functional unit	1,80E+01	1,95E+01	2,03E+01	2,19E+01	2,64E+01	2,70E+01


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Breakdown of CFP value by major life cycle stages (kgCO_{2eq} / functional unit):

Type of emissions	kgCO _{2eq} /functional or declared unit			
	Site of Sassuolo (Italy)			
	mm8	mm9	mm10	mm10,5
Upstream Process	3,61E+00	3,46E+00	4,05E+00	5,31E+00
Core Process	6,60E+00	6,55E+00	7,64E+00	8,42E+00
Downstream Process	7,73E+00	7,91E+00	8,47E+00	8,93E+00
Removals	---	---	---	---
GHG emissions, total fossil	1,78E+01	1,78E+01	2,00E+01	2,25E+01
GHG emissions, total biogenic	1,45E-01	1,46E-01	1,52E-01	1,58E-01
GHG emissions, total dLuc	1,89E-02	1,86E-02	1,92E-02	1,98E-02
GHG emissions, total air transport	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total CFP value per functional unit	1,79E+01	1,79E+01	2,02E+01	2,27E+01

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Breakdown of CFP value by major life cycle stages (kgCO_{2eq} / functional unit):

Type of emissions	kgCO _{2eq} /functional or declared unit					
	Site of Vetschau (Germany)					
	mm6	mm8	mm9	mm11	mm13	mm20
Upstream Process	2,10E+00	2,63E+00	3,10E+00	3,63E+00	4,28E+00	6,60E+00
Core Process	4,06E+00	4,87E+00	5,86E+00	6,65E+00	7,75E+00	1,18E+01
Downstream Process	5,97E+00	6,44E+00	6,86E+00	8,26E+00	7,90E+00	9,89E+00
Removals	---	---	---	---	---	---
GHG emissions, total fossil	1,20E+01	1,38E+01	1,57E+01	1,81E+01	1,98E+01	2,81E+01
GHG emissions, total biogenic	1,27E-01	1,34E-01	1,39E-01	1,49E-01	1,53E-01	1,80E-01
GHG emissions, total dLuc	1,66E-02	1,71E-02	1,77E-02	3,27E-01	1,89E-02	2,14E-02
GHG emissions, total air transport	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Total CFP value per functional unit	1,21E+01	1,39E+01	1,58E+01	1,85E+01	1,99E+01	2,83E+01

Giorgio Ruffini

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