

REFIN[®]
C E R A M I C H E

GRÈS PORCELAIN STONEWARE
ISO 14021 DECLARATION

Company

Ceramiche Refin has been a presence on the international market since 1962 and is part of the Gruppo Concorde, the largest ceramic group in Europe.

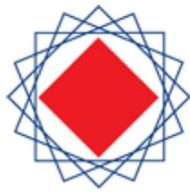
The constant commitment towards aesthetic research and technological innovation has seen the company achieve product and production excellence, thus becoming more and more competitive on the international market. Today, Refin offers a broad range of porcelain tiles solutions for residential and project-planning destinations.

Product

The product covered by this declaration is the grès porcelain stoneware produced by Ceramiche Refin in his plant in Italy, in standard and thicker versions.

The reference period is: year 2021.

	Grès Porcelain Stoneware Standard	Grès Porcelain Stoneware Thicker
Functional Unit	1 m ²	1m ²
Average Thickness	10 mm	20 mm
Average Weight	20,58 kg/m ²	45,72 kg/m ²
Expected Lifetime	50 years	50 years
NACE CODE	C 23.3.1 - Manufacture of ceramic tiles and flags	



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Relevant Environmental Impacts

Relevant Impact categories	u.m.	requirement	performance
Water consumption and use	(litres/kg of product)	Max 1	Compliant / in conformity
Emissions to water	(mg/lit of pollutant substances)	Suspended solid emission to water: max 40 Cd emission to water: max 0,015 Cr emission to water: max 0,15 Fe emission to water: max 1,5 Pb emission to water: max 0,15	Not Applicable
Emissions to air – particulate matter (firing stage) (*)	mg/m ³	200	Compliant / in conformity
Emissions to air – HF (firing stage) (*) (**)	mg/m ³	200	Compliant / in conformity
Emissions to air – particulate matter (total cold emissions)(*)	mg/m ³	5000	Compliant / in conformity
Waste management- % of waste recovered	%	85% min	Compliant / in conformity

(*) frequency of test as defined by AIA – Integrated Environmental Authorization dated 27/06/2012 and further modifications

(**) test method adopted: DM 25/08/1980, annex 1 & annex 2, as defined by italian legislation.

Reference:

COMMISSION DECISION of 9 July 2009 establishing the ecological criteria for the award of the Community eco-label to hard coverings (Notified under document C(2009) 5613) (Text with EEA relevance) (2009/607/EC)

For more detailed information on this declaration, please contact Davide Carra d.carra@gruppoconcorde.it