



LEED

CERTIFICATION

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MARBELLA COLLECTION

GRUPPO CERAMICHE GRESMALT		POTENTIAL CONTRIBUTION OF GRESMALT PRODUCTS TO BUILDING LEED® CERTIFICATION		
EVALUATION CATEGORY	GOAL	REQUIREMENTS	GRESMALT CERAMIC TILES	POTENTIAL CONTRIBUTION TO CREDITS
SUSTAINABLE SITES	Heat Island Reduction.	Materials with high Solar Reflectance (SR).	Ceramic collection with SR > 0.33 (light colours).	1
MATERIALS & RESOURCES	Reduce construction and demolition waste sent to landfill.	Recycling and/or reusing non-hazardous demolition and construction materials.	The packaging cardboard is made of recycled paper and is recyclable. Strapping materials are made of fully recyclable plastic. Pallets are reusable.	Required: Ok
	Promote reuse and optimize the environmental performance of products and materials.	Demonstrate the reduction of environmental effects in the decision-making phases of the project.	LCA (cradle to grave) according to ISO 14044 containing all the parameters required by the LEED v4 protocol.	0.25
			Sectoral EPD for ceramic tiles	0.5
			Mass balance with evidence of recycled material content.	2
			Inventory document for chemical compounds and raw materials used in manufacture and identified by CAS number.	1
Declaration that the ceramic product does not contain SVHC according to the REACH protocol.	1			
INDOOR ENVIROMENTAL QUALITY	Reduce the concentration of chemical contaminants.	Reduction of the content of volatile organic compounds VOCs.	Ceramic tiles, being classified as inert materials, do not emit VOCs.	3
INNOVATION IN DESIGN (ID)	Designing products that use innovative technological solutions that respect the environment and human health.	Application of life cycle approach to ceramic product design.	Application of an Eco-design tool based on Life Cycle Assessment (LCA), Life Cycle Costing (LCC), Social Life Cycle Assessment (sLCA), for the design of ceramic products.	2