

1. Identification code of the product: Wall Ceramic Tiles

2. Product Identification: Wall Ceramic Tiles, dry-pressed, in white body, sizes 15X15 cm, M15X15 cm, 20X20 cm, M15X30 cm, M15X20 cm, M20X25 cm. The batch as well as the production date are printed on the box.

3. Intended use: Wall coverings

4. Manufacturer: Ceragni,Lda  
Zona Industrial de Viadores, Lote 23  
3050-481 Pampilhosa, Mealhada  
Portugal


5. Not applicable

6. System of assessment and verification of constancy of performance: System 4

7. Building products under the norm EN 14411:2012

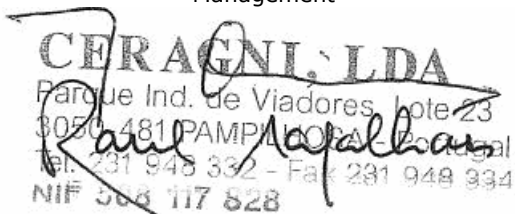
8. Not applicable

9. Ceragni,Lda, declares the wall ceramic tiles fulfil the EU Regulation N.º 305/2011 of European Parliament and Council date 9th March 2011. The products have the following declared performances:

	DIN EN 14411 GL NF P 614-408 BS 631-9 PRODUCT: Pressed White Body Ceramic wall tiles INTENDED USE: Internal and External Walls			
	SPECIFICATIONS	VALUE/NORM TOLERANCE	AVERAGE VALUE	TEST METHOD
	Water absorption	>10%	16-19	EN ISO 10545-3
	Bending strength	200 N /15 N / mm <sup>2</sup>	>300 N/16N/mm <sup>2</sup>	EN ISO 10545-4
	Tensile strength	Required	Conforms	EN ISO 10545-11
	Stain resistance	Minimum. Classe 3	Conforms	EN ISO 10545-14

24 June 2013

Management


  
**CERAGNI, LDA**  
 Parque Ind. de Viadores, Lote 23  
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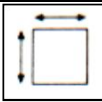

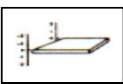
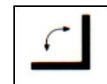
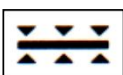
## Carreaux en pâte blanche émaillés - White clay glazed tile

Formatos: (mm) 150x150x5,5 148x148x5,5 200x200x6,5 98x298x7 148x298x7




## CARACTERÍSTICAS TÉCNICAS \* CARACTÉRISTIQUES TECHNIQUES \* TECHNICAL DATA

	TESTE ESSAI TESTE	NORMA NORME NORM	VALOR PRESCRITO EN 14411 VALEUR PRESCRITE EN 14411 STANDARDS EN 14411	RESULTADOS RÉSULTATS RESULTS	AVLIAÇÃO ÉVALUATION VALUATION
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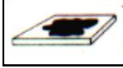

## CARACT. DIMENSIONAIS \* CARACTERISTIQUES MENSURABLES \* DIMENSIONAL DATA

	DIMENSÕES DIMENSIONS SIZES	NP EN ISO 10545-2	Desvio admissível (%) da dimensão média de cada azulejo relativamente à média de fabricação W: +/- 0,5% Écart moyen d'un carreau / côte de fabrication +/- 0,5 % The deviation in % of the average size for each tile from (w) +/- 0,5 %	+/- 0,5%	Conforme Conforme
	TOLERÂNCIA DE ESPESSURA TOLÉRANCE DE L'ÉPAISSEUR THICKNESS TOLERANCE	NP EN ISO 10545-2		+/- 0,5 mm 0,2 mm	Conforme Conforme Conforms
	RECTILINEARIDADE DAS ARESTAS RECTILIGNILÉ DES CÔTES STRAIGHTNESS OF EDGES	NP EN ISO 10545-2		+/- 0,3 % +/- 0,2 %	Conforme Conforme Conforms
	ORTOGONALIDADE ORTHOGONALITÉ SQUARENESS	NP EN ISO 10545-2		+/- 0,5 % -0,32 / 0,29 %	Conforme Conforme Conforms
	PLANARIDADE PLANÉITÉ FLATNESS	NP EN ISO 10545-2	Curvatura central +0,5% / -0,3% * lateral +0,5% / -0,3% * Empeno diagonal +/- 0,5% Déformation centrale +0,5% / -0,3% * latérale +0,5% / -0,3% * distorsion diagonale +/- 0,5% Central curvature +0,5% / -0,3% * lateral +0,5% / -0,3% * Warpage curvature +/- 0,5%	-0,10 / 0,5 % -0,11 / 0,11% -0,06 / 0,2 %	Conforme Conforme Conforms

## CARACTERÍSTICAS FÍSICAS \* CARACTÉRISTIQUES PHISQUES \* PHYSICAL DATA

	ABSORÇÃO DE ÁGUA ABSORPTION D'EAU WATER ABSORPTION	NP EN ISO 10545-3		10 a 20 % 14 ... 18%	Conforme Conforme Conforms
	RESISTÊNCIA À FLEXÃO RÉSISTANCE À LA FLEXION BENDING STRENGTH	NP EN ISO 10545-4		Média 15 N/mm <sup>2</sup> Moyenne 15 N / mm <sup>2</sup> Average 15 N / mm <sup>2</sup>	Conforme Conforme Conforms
	RESIST.À FENDILHAGEM RÉSIST. AU TRESSAILLAGE TENSILE STRENGTH	NP EN ISO 10545-11		Exigida Exigée Required	Conforme Conforme Conforms

## CARACTERÍSTICAS QUÍMICAS \* CARACTÉRISTIQUES CHIMIQUES \* CHEMICAL DATA

	RESIST.ÀS MANCHAS RÉSIST. AUX PRODUITS TÂCHANTS STAIN RESISTANCE	NP EN ISO 10545-14		min. Classe 2 5	Conforme Conforme Conforms
	RESIST. AOS PRODUTOS QUÍMICOS DE LIMPEZA RÉSIST. AUX PRODUITS CHIMIQUES D'EMPLOI DOMESTIQUES RESIST. HOUSEHOLD CHEMICALS	NP EN ISO 10545-13		min. Classe B GA	Conforme Conforme Conforms

## EMBALAGEM - COLISAGE - PACKAGING

Formato (cm)	Peças / Caixa	M2/Caixa	M2 / Paleta	Kg /Paleta
Size (cm)	Pieces / Box	M2 / BOX	M2 / Pallet	Kgs / Pallet
Taille (cm)	Pièces / Boîte	M2/Carton	M2 / Palette	Kgs / Palette
15x15	44	1	115	1052
20x20	25	1	96	1117
15x30	22	1	90	985
10x30	33	1	104	1110