

INFORMAÇÃO TÉCNICA

TECHNICAL
DATA

INFOGRAFIA
INFOGRAPHICS
INFOGRAPHIE
SYMBÖLE



Pavimento
Floor Tiles



Revestimento
Wall Tiles



Brilhante
Glossy



Acetinado
Satin Finish



Mate
Matt

ACABAMENTO DA ARESTA
EDGE FINISHING



Retificado
Rectified

ACABAMENTO DA SUPERFÍCIE
SURFACE FINISHING



Natural
Natural



Antiderrapante
Slip-Resistant



Lapado
Semi-polished



Polido
Polished



Amaciado
Honed

OUTROS
OTHER



Ingelivo
Frost Resistant



**Resistência
à abrasão superficial**
Resistance to surface abrasion

Menos resistente Less resistant 1 2 3 4 5 Mais resistente Most resistant

VARIAÇÃO NA TONALIZAÇÃO DA COR
COLOUR SHADE VARIATION
DIFFÉRENCE DE TONALITÉ
FARBUNSTIMMIGKEIT

ANSI A137.1–2012



Fraca Variação
Low Variation



Variação Ligeira
Slight Variation



Variação Moderada
Moderate Variation



Forte Destonalização
Substantial Variation

O símbolo classifica a variação da tonalização da cor das peças cerâmicas de uma série.

RECOMENDAÇÕES PARA ASSENTAMENTO

Para obter melhores resultados das características do produto, a CINCA recomenda antes do assentamento a mistura das peças de várias caixas.

This symbol classifies the chromatic shade variation among pieces of tile in one range.

LAYING RECOMMENDATIONS

CINCA recommends blending different pieces from different cartons before installation, in order to maximize the aesthetic beauty of the product line.

Parmi les symboles nous indiquons le degré de variation chromatique entre les carreaux contenus dans chaque série.

RECOMMANDATION POUR LA POSE

Afin de tirer profit au mieux des caractéristiques techniques du produit, CINCA recommande de mélanger des pièces de différentes boîtes.

Mit den Abkürzungen will man den Farbabweichungsgrad jeder Fliese einer Serie Klassifizieren.

HINWEISE ZUR VERLEGUNG

Um die besten Resultate mit unserem Produkt erzielen zu können, schlägt CINCA vor, Fliesen von verschiedenen Kartons vor der Verlegung zu mischen.

ANTIDERRAPÂNCIA
SLIP RESISTANCE
ANTIDÉRAPANCE
RUTSCHSICHER

CLASSE CLASS (DIN 51130) – Calçado With Footwear

Ângulo de Inclinação Slope Angle



Baixo atrito
Low friction

de 6° a 10°
from 6° to 10°



Atrito normal
Normal friction

acima de 10° até 19°
more than 10° to 19°



Atrito Melhorado
Improved friction

acima de 19° até 27°
more than 19° to 27°



Alto atrito
High friction

acima de 27° até 35°
more than 27° to 35°



Muito alto atrito
Very high friction

acima de 35°
more than 35°

CLASSE CLASS (DIN 51097) – Pé Descalço Barefoot

Ângulo de Inclinação Slope Angle



Atrito normal
Normal friction

≥ 12°



Atrito Melhorado
Improved friction

≥ 18°



Alto atrito
High friction

≥ 24°

Os pavimentos cerâmicos que estão dotados de características antiderrapantes contribuem numa forma eficaz e ativa para a segurança dos utilizadores. Estes produtos apresentam especificações particulares, das quais se destaca a resistência ao escorregamento. Com ampla divulgação na indústria cerâmica, as normas alemãs que permitem determinar o coeficiente de escorregamento subdividem os testes em dois grupos distintos: o escorregamento calçado, aplicável em zonas em que os utilizadores circulam normalmente calçados, e o escorregamento “pé descalço”, aplicável a zonas em que os utilizadores circulam descalços, como piscinas, balneários, etc.

Os testes são conduzidos com recurso a equipamento especial e a uma pessoa que simula a circulação sobre o pavimento (ora calçado ora descalço, consoante o teste que se pretende levar a cabo), num plano inclinado que gradualmente vai aumentando o seu ângulo de inclinação. O ângulo máximo atingido antes do desequilíbrio determina o grupo de antiderrapância que permite classificar os produtos.

Ceramic floor tiles developed with slip resistant characteristics contribute actively to the safety of the users. Amongst the many particular specifications of these products, the slip resistance are notable. Well known in the Ceramic Industry, the German standards, which help determine the slip resistance coefficient, divide the tests into two groups. In the first group, the tests are executed simulating the use of footwear. In the second group, the tests are run simulating barefoot traffic in areas such as swimming pools, shower areas etc.

Special equipment is used to perform the tests and a person will simulate walking (with or without footwear, dependant on the test) on a sloping tiled surface. The slope angle is subject to a gradual increase. The highest slope angle achieved before slipping determines the slipresistance classification.

EQUIVALÊNCIAS ENTRE CERÂMICA E ADESIVOS \EQUIVALENCE BETWEEN CERAMIC AND GLUES
ÉQUIVALENCE ENTRE CÉRAMIQUE ET ADHÉSIFS \ÄQUIVALENZTABELLE ZWISCHEN KERAMIKKLASSEN UND FLIESENKLEBER

Para garantir a durabilidade e a segurança do sistema “cerâmica-adesivo” em uso, a escolha correta do adesivo para um ladrilho específico é fundamental. A tabela seguinte foi elaborada tendo em conta o grau de compatibilidade do sistema “cerâmica-adesivo”, numa condição tradicional, sobre um suporte cimentício absorvente. Estes são os requisitos mínimos de acordo com a característica “absorção de água” da cerâmica, respeitando as normas EN14411 e EN 12004.

Existem condições adicionais a ter em conta, que podem levar a alterar a selecção do sistema, tais como:

- // Dimensões (C×L×A), geometria e natureza das peças de cerâmica;
- // Natureza, absorção e deformabilidade do suporte (betão, cerâmica existente, gesso cartonado, madeira, metal, etc.) onde o sistema será aplicado;
- // Ambiente de utilização (residencial, comercial ou industrial);
- // Usos específicos (ambientes húmidos, exposição solar, rapidez de intervenção, etc.);

Nestes casos devem ser consultados os prescritores.

The correct choice of glue is of extreme importance to ensure the durability and safety of the “ceramic-adhesive” system in use. The following table has been prepared taking into consideration the degree of compatibility of the “ceramic adhesive” system, under a normal condition, on an absorbent cementitious support. These are the minimum requirements according to the “water absorption” characteristic of ceramic, complying with the norms EN14411 and EN 12004.

There are additional conditions to keep in mind that may lead to changes such as:

- // Dimensions (L×W×H), shape and nature of ceramic pieces;
- // Nature, absorption and deformability of the substrate (concrete, existing tiles, plasterboard, wood, metal, etc.) where the system will be applied;
- // Area of use (residential, commercial or industrial);
- // Specific applications (wet environments, sun exposure, speed of intervention, etc.).

In these cases you should contact the specifiers.

Pour assurer la durabilité et la sécurité du système “adhésif céramique” utilisé, il est essentiel de choisir le bon adhésif pour un carreau spécifique. Le tableau suivant a été préparé en tenant compte du degré de compatibilité du système “céramique-adhésif”, dans des conditions traditionnelles, sur un support absorbant à base de ciment. Ce sont les exigences minimales selon la caractéristique “absorption d’eau” de la céramique, répondant aux normes EN14411 et EN 12004.

Il convient de garder à l’esprit les conditions supplémentaires susceptibles de modifier le choix du système, telles que:

- // Dimensions (L×W×H), géométrie et nature des pièces en céramique;
- // Nature, absorption et déformabilité du support (béton, céramique existante, plaques de plâtre, bois, métal, etc.) où le système sera appliqué;
- // Environnement d’utilisation (résidentiel, commercial ou industriel);
- // Utilisations spécifiques (environnements humides, exposition au soleil, rapidité d’intervention, etc.).

Dans ce cas, les prescripteurs doivent être consultés.

Um die Haltbarkeit und Sicherheit der Einheit “Keramik-Kleber” zu gewährleisten, ist die Auswahl des richtigen Klebers für eine bestimmte Fliese von entscheidender Bedeutung. Die folgende Tabelle wurde unter Berücksichtigung der Kompatibilität der Einheit “Keramik-Kleber” unter herkömmlichen Bedingungen auf einem absorbierenden zementartigen Träger erstellt. Dies sind die Mindestanforderungen gemäß der Eigenschaft “Wasseraufnahme” von Keramik gemäß EN14411 und EN 12004.

Zusätzlich sind einige Bedingungen zu beachten, die zu einer Änderung der Einheit führen können, wie z. B.:

- // Abmessungen (L×B×H), Geometrie und Art der Keramikfliese;
- // Art, Absorptionsvermögen und Verformbarkeit des Untergrunds (Beton, vorhandene Keramik, Gipsplatten, Holz, Metall usw.), auf den die Einheit verlegt werden soll;
- // Nutzungsumgebung (Haushalt, Gewerbe oder Industrie);
- // Spezifische Anwendungen (feuchte Umgebungen, Sonneneinstrahlung, Verlegegeschwindigkeit usw.).

In solchen Fällen sollte die ausschreibende Instanz konsultiert werden.

Recomendação mínima de classes de adesivos, segundo classes de cerâmica: \Minimum recommendation of adhesive classes by ceramic classes:

Recommandation minimale des classes d’adhésif par classe de céramique: \Mindestempfehlung der Kleberklassen, nach Keramikklassen:

Classe de Cerâmica (segundo EN14411) Ceramic Classes (according to EN14411) Classe de Céramique (selon EN14411) Keramikklasse (nach EN14411)	Absorção de Água (%) Water absorption (%) Absorption d’eau (%) Wasseraufnahme (%)	Adesivo (segundo EN12004) \Adhesives (according to EN12004) \Adhésif (selon EN12004) \Fliesenkleber (nach EN12004)			
		Pavimento \Floor \Sol \Boden		Parede \Wall \Mur \Wand	
		Interior \Interior \Intérieur \Innen	Exterior \Exterior \Extérieur \Aussen	Interior \Interior \Intérieur \Innen	Exterior \Exterior \Extérieur \Aussen
A Ia + B Ia	≤ 0,5	C2	C2	C2	C2
A Ib + B Ib	> 0,5 e \and \et \und ≤ 3,0	C1	C2	C1	C2
A IIa-1 + A IIa-2 + B IIa	> 3,0 e \and \et \und ≤ 6,0	C1	C2	C1	C2
A IIb-1 + A IIb-2 + B IIb	> 6,0 e \and \et \und ≤ 10,0	C*	C2	C*	C2
A III + B III	> 10,0	Não aplicável Not applicable Non applicable Nicht zutreffend	Não aplicável Not applicable Non applicable Nicht zutreffend	C* ou D C* or D C* ou D C* oder D	Não recomendável Not recommended Non Recommandé Nicht empfehlenswert

C* = Cimento cola para ladrilhos absorventes em interior. \Glue for absorbent tiles for interiors. \Colle pour carrelage absorbant d’intérieur en ciment. \Zementkleber für wasseraufnehmende Fliesen im Innenbereich.



Os ladrilhos decorados da CINCA resultam de processos de decoração especiais, recorrendo a vidrados que apresentam sedutores efeitos visuais. Como peças especiais que são, requerem uma manipulação cuidadosa que preserve a sua beleza. Para a sua colocação recomendamos que as peças sejam manipuladas com cuidado, para evitar riscos, e que estejam secas e limpas. A superfície dos produtos decorados deve ser protegida durante a aplicação, evitando ao máximo o seu contato com argamassas de assentamento e/ou rejuntamento. Os eventuais excedentes de materiais de colocação devem ser imediatamente limpos, evitando-se que endureçam e colem à superfície das peças. Para limpar os excedentes de materiais de colocação deve apenas ser usada uma esponja limpa e água em abundância sendo totalmente vedada a utilização de agentes de limpeza abrasivos ou contendo ácidos.

Para a manutenção corrente dos materiais deve-se evitar o uso de detergentes enérgicos e/ou produtos ou utensílios de limpeza abrasivos pois podem causar danos irreversíveis nas peças.

A limpeza deve ser assegurada apenas com recurso a água e sabão neutro.

Estes produtos podem apresentar normais diferenças de tonalidade decorrentes desta técnica de fabrico.

Decorative tiles produced by CINCA are the result of special decorative processes and techniques along with the use of glazes that offer seductive visual effects. Handling of these pieces requires careful manipulation in order to preserve its beauty. For application, we recommend pieces are handled with care to avoid scratches or breakage. It is also recommended you ensure pieces are clean and dry before application. We also recommend protection of the surface to avoid contact with glue or mortar during the application process. Any excess glue or mortar in contact with the surface should be cleaned immediately to avoid hardening or gluing. Excess glue or mortar should be removed using a clean sponge with abundant water. The use of abrasive cleaning agents or those containing acid is strictly forbidden.

For cleaning and maintenance purposes avoid using energetic detergents and abrasive utensils as these may cause irreversible damage to the decorative pieces. Only the use of clean water and neutral soap is recommended.

These products may show shading variations as a consequence of the production processes and techniques used during manufacturing.

Les carreaux de faïence décorés CINCA, sont le résultat d'un procédé de décoration spécial, recourant à des émaux ou autres matières aux effets visuels précieux et uniques. C'est donc comme pièces « précieuses » qu'ils doivent être manipulés avec soin afin de conserver leur beauté et originalité. Pour une bonne et correcte application et pour éviter toutes rayures, nous recommandons une manipulation délicate, les pièces devant être séchées et nettoyées au préalable. La surface des pièces décorées doit être protégée durant l'application, évitant au maximum son contact avec le ciment colle et/ou le joint. Les éventuels excédents de matière doivent être immédiatement nettoyés afin d'éviter qu'ils ne sèchent et qu'ils ne collent sur la surface des pièces. Pour nettoyer ces excédents, utiliser uniquement une éponge propre bien imbibée d'eau. Il est formellement interdit d'utiliser tout produit de nettoyage abrasif ou contenant des acides.

Pour le nettoyage courant, il faut éviter tout détergent énergique et/ou produit ou ustensile de nettoyage abrasifs, au risque de causer des dommages irréversibles sur les pièces.

Le nettoyage doit être fait uniquement à l'aide d'eau et de savon neutre.

Ces pièces peuvent aussi présenter des différences normales de tonalité, dérivées justement de cette technique spéciale de fabrication.

CINCA's Dekorfliesen sind Erzeugnisse aus speziellen Dekorationsverfahren, mit Glasuren die verführerische visuelle Effekte vorweisen. Diese besonderen Fliesen sollten behutsam behandelt werden, damit sie ihre Schönheit bewahren. Bei der Verlegung dieser Fliesen empfehlen wir eine sorgsame Behandlung damit Kratzer vermieden werden, auch sollten die Fliesen trocken und sauber sein. Die dekorierte Oberfläche der Produkte sollte während der Verlegung geschützt werden, um so den Kontakt mit dem Zementmörtel und / oder Fugenmaterial zu vermeiden. Etwaige Überschüsse dieser Materialien sollten sofort von den Fliesen vorsichtig entfernt werden, um das Verhärten an der Oberfläche der Fliesen zu vermeiden. Für die Reinigung bitte ausschliesslich einen sauberen Schwamm und viel Wasser verwenden. Reinigungsmittel die Säuren enthalten oder Scheuermittel dürfen nicht verwendet werden.

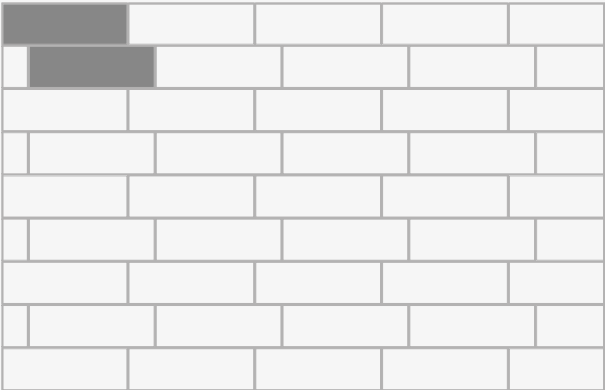
Für die alltägliche Säuberung und Pflege dieser Fliesen, vermeiden Sie bitte scharfe Reinigungsmittel und/oder scheuernde Reinigungsutensilien, da diese irreversible Schäden an den Fliesen verursachen können.

Die Reinigung sollte nur mit Seife und Wasser erfolgen.

Diese Erzeugnisse können normale Brandfarbenunterschiede aufweisen, auf Grund dieser Produktionstechnik.

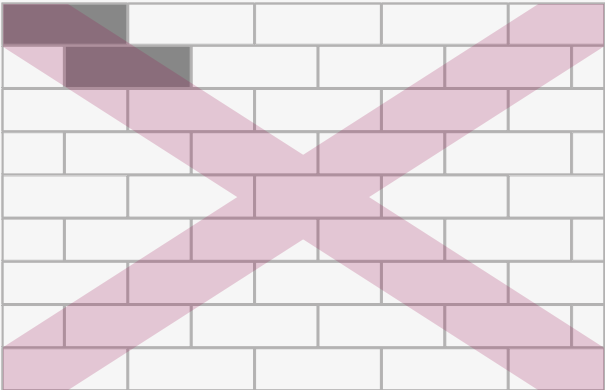
FORMATOS FORMATS	49×99 19"×39"	48×98 P 19"×39" P	30×90 12"×35"	M 25×75 10"×30"	M 25×55 10"×22"	M 25×45 10"×18"	M 10×40 4"×16"	M 10×30 4"×12"	M 15×15 6"×6"	7,5×25 3"×10"
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CONTRAFIADO 15%
BRICKBONG EFFECT 15%



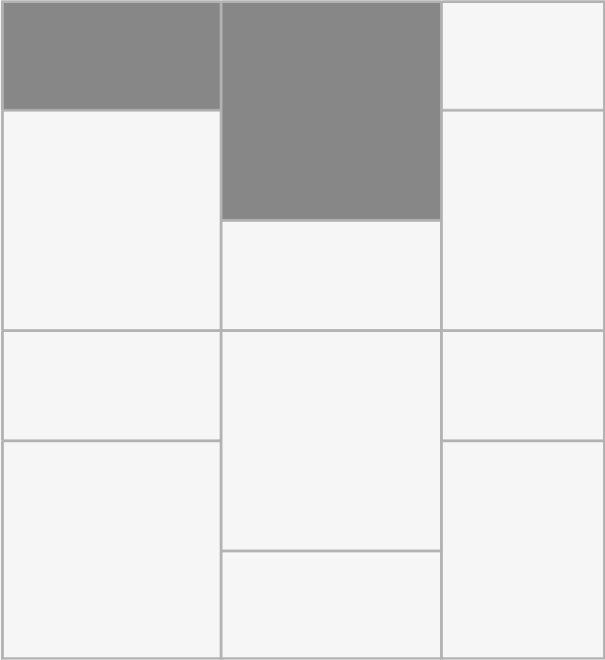
CONTRAFIADO 50%
BRICKBONG EFFECT 50%

NÃO RECOMENDADO
NOT RECOMMENDED



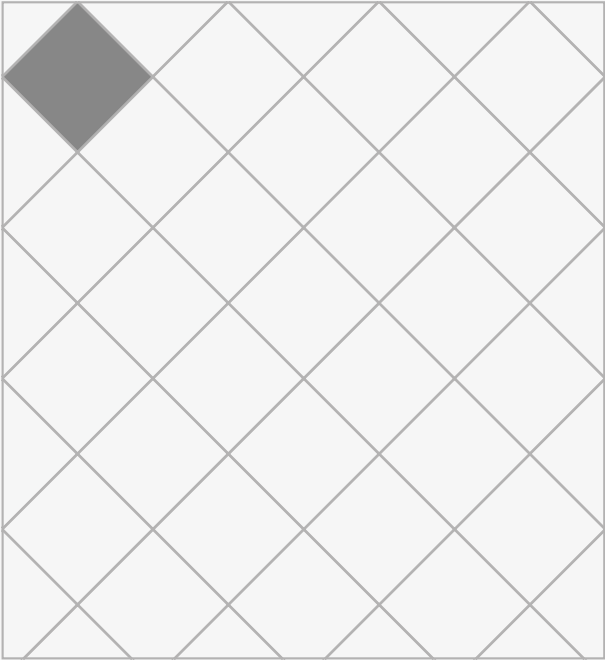
FORMATOS FORMATS	120×120 47"×47"	49×49 19"×19"	M 60×60 24"×24"
	60×120 24"×47"	24,5×49 10"×19"	M 30×60 12"×24"
		12,2×49 5"×19"	

CONTRAFIADO
BRICKBONG EFFECT



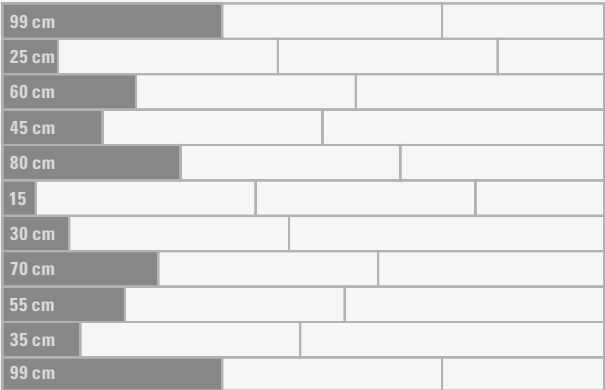
FORMATOS FORMATS	49×49 19"×19"	48×48 P 19"×19" P	60×60 24"×24"	33×33 13"×13"
	M 60×60 24"×24"	M 30×60 12"×24"	M 50×50 20"×20"	
	M 45×45 18"×18"	M 30×30 12"×12"	M 20×20 8"×8"	

45°
45°

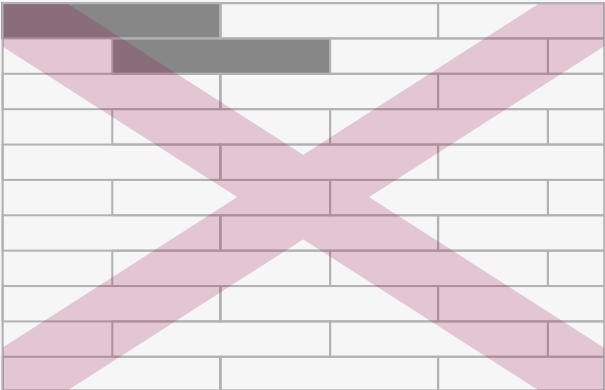


FORMATOS	24,5×99	23,5×98 P	16×99	15,5×98 P
FORMATS	10"×39"	9"×39" P	6"×39"	6"×39" P

CONTRAFIADO
BRICKBONG EFFECT



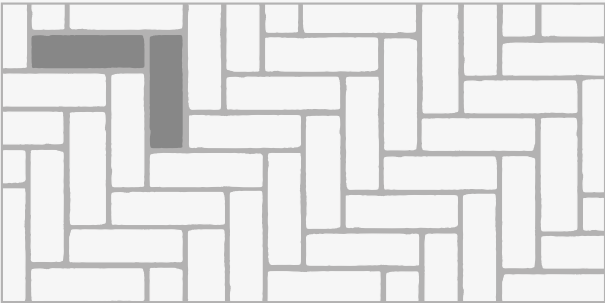
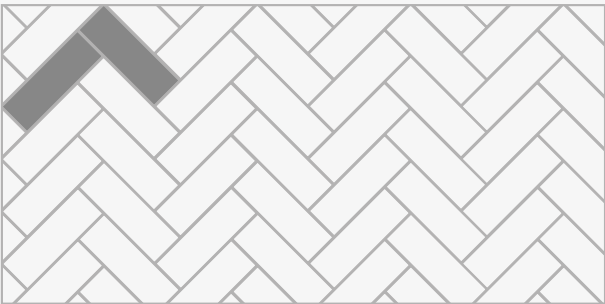
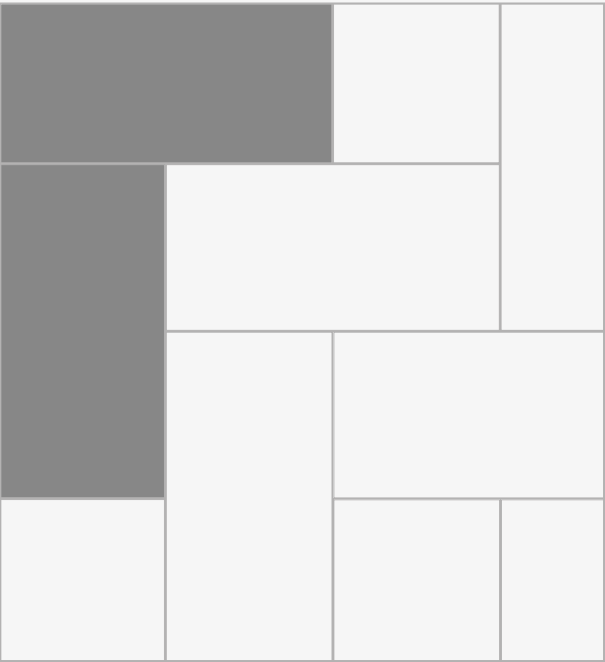
CONTRAFIADO 50%
BRICKBONG EFFECT 50%



NÃO RECOMENDADO
NOT RECOMMENDED

FORMATOS	60×120	49×99	48×98 P	24,5×99	23,5×98 P	16×99	15,5×98 P	M 30×60	M 10×40	M 10×30	7,5×25
FORMATS	24"×48"	19"×39"	19"×39" P	10"×39"	9"×39" P	6"×39"	6"×39" P	12"×24"	4"×16"	4"×12"	3"×10"

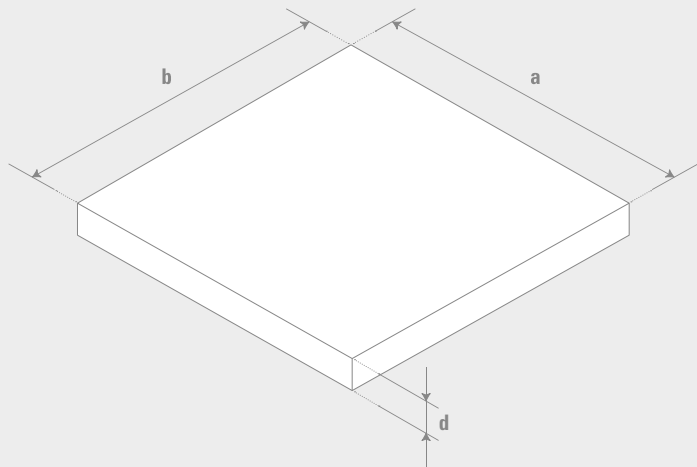
ESPINHA
HERRINGBONE EFFECT



EN 14411: 2016 Anexo K Grupo BIII GL Azulejos de Pasta Branca Bicozedura \ Double Fired White Body Wall Tiles Falences en Pâte Blanche Bi-Cuison \ Weiss-Scherbige Zweibrand Steingutfliessen					EN 14411: 2016 Anexo G Grupo Bia GL Porcelanato Vidrado \ Glazed Porcelain Stoneware Grès Cérame Emailé \ Feinsteinzeug Glasiert										
Dimensão Nominal (N) Nominal Size (N)			7 cm ≤ N < 15 cm		N ≥ 15 cm				7 cm ≤ N < 15 cm		N ≥ 15 cm				
 Dimensão de Fabrico (W) Work Size (W)	Desvio da Dimensão Nominal (N) Deviation From Nominal Size (N)		Max.	Modular ⁽¹⁾ Modular ⁽¹⁾	2 - 5mm	2 - 5mm	= 0,0%		2 - 5mm	2 - 5mm	= 0,0%				
				Não-Modular ⁽²⁾ Non-Modular ⁽²⁾	± 2% (Max. 5mm)	± 2% (Max. 5mm)	= 0,0%		± 2% (Max. 5mm)	± 2% (Max. 5mm)	= 0,0%				
Característica \ Characteristics Caractéristique \ Eigenschaft			Norma Standard Norme Norm	EN ISO 10545-2	EN	CINCA	EN	CINCA	CINCA	EN	CINCA	EN	CINCA	CINCA	
 Dimensão Real Actual Size	Desvio da dimensão de fabrico (W) Deviation from work size (W) Écart de la dimension de fabrication (W) Abweichung zum Produktionsmass (W)		Max. Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%		± 0,3%	 = 0,0%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,6%	± 0,3%	 = 0,0%
	mm	± 0,75		± 0,50	± 2,0	± 0,5	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,9	± 0,5	± 2,0	± 0,5	Não aplicável Not applicable Non applicable Nicht zutreffend		
	Desvio da Média da Amostra Deviation From Sample Average			%	Não aplicável Not applicable Non applicable Nicht zutreffend		Não aplicável Not applicable Non applicable Nicht zutreffend		 = 0,0%	Não aplicável Not applicable Non applicable Nicht zutreffend		Não aplicável Not applicable Non applicable Nicht zutreffend		 = 0,0%	
 Espessura Thickness Épaisseur Stärkegenauigkeit			Max. Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 10%		± 5%	 ± 5%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 5%	 ± 5%	
				mm	± 0,5		± 0,5		 ± 0,5	± 0,5		± 0,5			
 Rectilinearidade das arestas Rectilignité des côtés Straightness of edges Kantengeradigkeit			Max. Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,3%		± 0,15%	 = 0,0%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%	± 0,25%	 = 0,0%
				mm	± 0,5	± 0,25	± 1,5	± 0,75	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,75	± 0,38	± 1,5%	± 0,75	Não aplicável Not applicable Non applicable Nicht zutreffend
 Angularidade Angularité Rectangularity Rechtwinkligkeit			Max. Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%		± 0,25%	 = 0,0%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%	± 0,25%	 = 0,0%
				mm	± 0,75	± 0,38	± 2,0	± 1,0	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,75	± 0,38	± 2,0	± 1,0	Não aplicável Not applicable Non applicable Nicht zutreffend
 Planaridade da Superfície Surface Flatness	Planaridade (curvatura central) Planarity (central dome) Planéité (courbure au centre) Planarität (Mittelpunktswölbung)		Max.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		+ 0,5%		+ 0,25%	 + 0,25%	Não aplicável Not applicable Non applicable Nicht zutreffend		+ 0,5%	+ 0,25%	 + 0,25%
				mm	+ 0,75	+ 0,38	+ 2,0	+ 1,0	 + 1,0	± 0,75	+ 0,38	+ 2,0	+ 1,0	 + 1,0	
			Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		- 0,3%		- 0,15%	 - 0,15%	Não aplicável Not applicable Non applicable Nicht zutreffend		- 0,5%	- 0,25%	 - 0,25%
				mm	- 0,50	- 0,25	- 1,5	- 0,8	 - 0,8	- 0,75	- 0,38	- 2,0	- 1,0	 - 1,0	
	Planaridade (curvatura lateral da aresta) Planarity (edge dome) Planéité (courbure des arêtes) Planarität (Kantenwölbung)		Max.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		+ 0,5%		+ 0,25%	 + 0,25%	Não aplicável Not applicable Non applicable Nicht zutreffend		+ 0,5%	+ 0,25%	 + 0,25%
				mm	+ 0,75	+ 0,38	+ 2,0	+ 1,0	 + 1,0	+ 0,75	+ 0,38	+ 2,0	+ 1,0	 + 1,0	
			Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		- 0,3%		- 0,15%	 - 0,15%	Não aplicável Not applicable Non applicable Nicht zutreffend		- 0,5%	- 0,25%	 - 0,25%
				mm	- 0,50	- 0,25	- 1,2	- 0,6	 - 0,6	- 0,75	- 0,38	- 2,0	- 1,0	 - 1,0	
	Planaridade (empeno na diagonal) Planarity (skew) Planéité (vrillage par rapport à la diagonale) Planarität (Windschiefe)		Max. Min.	%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%		± 0,25%	 ± 0,25%	Não aplicável Not applicable Non applicable Nicht zutreffend		± 0,5%	± 0,25%	 ± 0,25%
				mm	± 0,75	± 0,38	± 2,0	± 1,0	 ± 1,0	± 0,75	± 0,38	± 2,0	± 1,0	 ± 1,0	

⁽¹⁾ O desvio da Dimensão de Fabrico (W) da Dimensão Nominal (N) inclui uma junta de... \ Deviation of Work Size (W) from Nominal Size (N) includes a joint of...

⁽²⁾ A diferença entre a Dimensão de Fabrico (W) e a Dimensão Nominal (N) é menor que... \ Difference between Work Size (W) and Nominal Size (N) is less than...



Dimensão de Fabrico (W) = Dimensão da face visível (a e b) e espessura (d)
Dimensão de Coordenação (C) = Dimensão de Fabrico (W) + Junta (J)

Formatos Modulares e Não Modulares

Podem ser considerados formatos modulares aqueles cuja dimensão nominal (de designação) é múltipla ou submúltipla do módulo M (M = 100mm segundo a ISO 1006) e cuja superfície é igual ou superior a 9000 mm².

Estes formatos são identificados por uma letra M antes da sua designação nominal (p.e.: M20 x 20 cm). Nos formatos modulares, a dimensão nominal inclui a junta, conforme as observações seguintes. Todos os restantes formatos são considerados não modulares.

Work size (W) = Dimension of the visible face (a and b) and thickness (d)
Coordinating size (C) = Work Size (W) + Joint (J)

Modular and Non-modular Formats

Formats considered modular are those whose nominal dimensions are multiples or ubmultiples of M (according to the ISO 1006 standard, M = 100 mm) and with a surface area equal or superior to 9000 mm².

These formats are identified by a letter M before their nominal designation (e.g.: M20 x 20 cm). In modular formats, the nominal size includes the joint, as described in the following remarks. All other formats are considered non-modular.

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Azulejos de Pasta Branca Bicozedura \ Double Fired White Body Wall Tiles \ Faiences en Pâte Blanche Bi-Cuisson \ Weiss-Scherbige Zweibrand Steingutfliessen

A dimensão nominal inclui uma largura de junta entre 2 e 5 mm.
A dimensão de fabrico do produto situa-se pois entre 2 a 5 mm abaixo da dimensão nominal de designação do produto (p.e. para um M20x20 cm poderá ser 197x197 mm).
Para formatos não modulares a diferença da dimensão de fabrico para a dimensão nominal não pode ser superior a ± 2% ou máx. 5 mm.

For modular formats, the nominal dimensions of the modular formats include a joint that varies from 2 to 5 mm.

The production size is therefore 2 to 5 mm smaller than the nominal dimension of the format (e.g.: M20 x 20 cm might be 197 x 197 mm).

For non-modular formats the difference between the production size and the nominal size cannot be higher than ± 2% or max. 5 mm.

Pour les formats modulaires, la dimension nominale inclut une largeur de joint entre 2 et 5 mm.

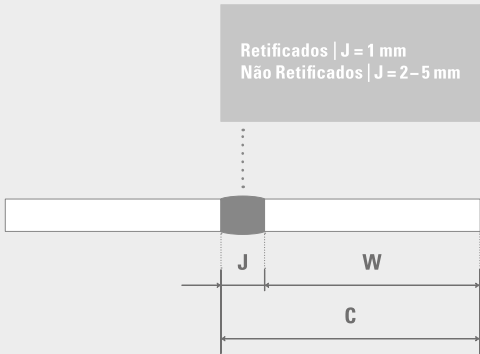
La dimension de fabrication du produit se situe donc entre 2 et 5 mm en dessous (ex: pour un M20 x 20 cm elle pourra être 197 x 197 mm).

Pour les formats non modulaires l'écart entre la dimension de fabrication et la dimension nominale ne peut être supérieure à ± 2% ou max. 5 mm

Enthält das Nennmass der Modul-Formate eine Fugenbreite zwischen 2 und 5mm.

Das Profuktionsmass des Produktes ist somit zwischen 2 und 5mm kleiner als das Nennmass (z.B.: ein M20 x 20 cm kann 197 x 197 mm sein).

Für Formate die nicht modular sind darf der Unterschied zwischen dem Produktionsmass und dem Nennmass nicht grösser sein als ± 2% oder max. 5 mm.



Dimension de Fabrication (W) = Dimension de la face visible (a e b) et épaisseur (d)
Dimension de Coordination (C) = Dimension de Fabrication (W) + Joint (J)

Formats Modulaires et Non Modulaires

Peuvent être considérés modulaires les formats dont la dimension nominale est multiple ou sous multiple du module M (M = 100mm selon la norme ISO 1006) et dont la surface est égale ou supérieure à 9000 mm². Ces formats sont identifiés pour la lettre M avant sa désignation nominale (ex: M20 x 20 cm). Dans les formats modulaires, la dimension nominale inclut le joint, selon les observations suivantes. Tous les autres formats sont considérés non modulaires.

Produktionsmass (W) = Grösse der Sichtfläche (a und b) und Stärke (d)
Koordinationsmass (C) = Produktionsmass (W) + Fuge (J)

Modulformate und Nicht-Modulformate

Formate gelten als modular wenn deren Nennmass ein Vielfaches oder Teiler des Moduls M (M = 100mm nach ISO 1006) und deren Oberfläche grösser oder gleich 9000 mm² ist.

Diese Formate werden mit dem Buchstaben M vor dem Format gekennzeichnet (z.B.: M20 x 20 cm). Bei den Modul-Formaten, ist die Fuge bereits mitberücksichtigt, wie in den folgenden Anmerkungen beschrieben wird. Alle anderen Formate werden als nicht-modular betrachtet.

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Dada a grande retração (7 a 8%) que sofre o material durante o processo de cozedura, a dimensão de fabrico (igual a calibre) é determinada no processo, durante a fase de escolha, e impressa em cada embalagem, (p.e.: o M20x20 cm pode ter calibres 196, 197 ou 198 mm).

Due to the high contraction (7 to 8%) of the material during the firing process, the production size (also designated as the caliber) is determined within the process, when the final selection is made. The size (caliber) is printed onto each box (e.g.: M20 x 20 cm may have calibers of 196, 197 or 198 mm).

Du fait de la grande rétraction (7 à 8%) dont souffre le matériel durant la cuisson, la dimension de fabrication (appelée aussi calibre) est déterminée pendant la phase de tri et imprimée sur chaque emballage (ex: le M20 x 20 cm peut avoir les calibres 196, 197 ou 198 mm)

Auf der anderen Seite wird, wegen der grossen Schrumpfung (7 bis 8%) das das Material während des Brennens erleidet, das Produktionsmass (= Kaliber) während dem Prozess, in der Sortierung ermittelt und auf jeden Karton gedruckt (z.B.: M20 x 20 cm kann die Kaliber 196, 197 oder 198mm ha ben).

Formato Format			Dimensão Nominal (N) Nominal Size (N)				Dimensão de Fabrico (W) Work Size (W)				
			Formatos Não Modulares Non-Modular Formats		Formatos Modulares Modular Formats						
cm	in		cm	in				mm		in	
									Espessura Thickness		Espessura Thickness
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											Obs.1
	120×120×0,95	47"×47" 0.37 in	120×120×0,95	47"×47" 0.37 in	-	-	1198×1198	9,5	47.17×47.17 in	0.37 in	
	60×120×0,95	24"×47" 0.37 in	60×120×0,95	24"×47" 0.37 in	-	-	598×1198	9,5	23.54×47.17 in	0.37 in	
	60×60×0,8	24"×24" 0.32 in	60×60×0,8	24"×24" 0.32 in	-	-	598×598	8	23.54×23.54 in	0.32 in	
	49×99×1,1	19"×39" 0.43 in	49×99×1,1	19"×39" 0.43 in	-	-	493×987	11	19.41×38.86 in	0,43 in	
	24,5×99×1,1	10"×39" 0.43 in	24,5×99×1,1	10"×39" 0.43 in	-	-	246×987	11	9.69×38.86 in	0,43 in	
	23,5×98×1,1 P	9"×39" P 0.43 in	23,5×98×1,1 P	9"×39" P 0.43 in	-	-	235×980	11	9.25×38.59 in	0,43 in	
	16×99×1,1	6"×39" 0.43 in	16×99×1,1	6"×39" 0.43 in	-	-	160×987	11	6.30×38.86 in	0,43 in	
	15,5×98×1,1 P	6"×39" P 0.43 in	15,5×98×1,1 P	6"×39" P 0.43 in	-	-	155×980	11	6.10×38.59 in	0,43 in	
	49×49×1,1	19"×19" 0.43 in	49×49×1,1	19"×19" 0.43 in	-	-	493×493	11	19.41×19.41 in	0,43 in	
	49×49×0,97	19"×19" 0.38 in	49×49×0,97	19"×19" 0.38 in	-	-	493×493	9,7	19.41×19.41 in	0,38 in	
	24,5×49×1,1	10"×19" 0.43 in	24,5×49×1,1	10"×19" 0.43 in	-	-	246×493	11	9.69×19.41 in	0,43 in	
	12,2×49×1,1	5"×19" 0.43 in	12,2×49×1,1	5"×19" 0.43 in	-	-	122,5×493	11	4.82×19.41 in	0,43 in	
	12,2×49×0,97	5"×19" 0.38 in	12,2×49×0,97	5"×19" 0.38 in	-	-	122,5×493	9,7	4.82×19.41 in	0,38 in	
	M 50×50×0,97	20"×20" 0.38 in	-	-	50×50×0,97	20"×20" 0.38 in	Obs.1		Obs.1		
	33×33×0,8	13"×13" 0.32 in	33×33×0,8	13"×13" 0.32 in	-	-	Obs.1		Obs.1		
EN 14411: 2016 Anexo G Grupo Bia GL Porcelanato Vidrado \ Glazed Porcelain Stoneware Grès Cérame Émaillé \ Feinsteinzeug Glasiert											
											Obs.1
	49×99×1,1	19"×39" 0.43 in	49×99×1,1	19"×39" 0.43 in	-	-	493×987	11	19.41×38.86 in	0,43 in	
	16×99×1,1	6"×39" 0.43 in	16×99×1,1	6"×39" 0.43 in	-	-	160×987	11	6.30×38.86 in	0,43 in	
	48×98×1,1 P	19"×39" P 0.43 in	48×98×1,1 P	19"×39" P 0.43 in	-	-	480×980	11	18.90×38.59 in	0,43 in	
	49×49×0,97	19"×19" 0.38 in	49×49×0,97	19"×19" 0.38 in	-	-	493×493	9,7	19.41×19.41 in	0,38 in	
	48×48×1,1 P	19"×19" P 0.43 in	48×48×1,1 P	19"×19" P 0.43 in	-	-	480×480	11	18.90×18.90 in	0,43 in	
	M 60×60×0,8	24"×24" 0.32 in	-	-	60×60×0,8	24"×24" 0.32 in	Obs.1		Obs.1		
	M 30×60×1	12"×24" 0.39 in	-	-	30×60×1	12"×24" 0.39 in	Obs.1		Obs.1		
	M 30×60×0,8	12"×24" 0.32 in	-	-	30×60×0,8	12"×24" 0.32 in	Obs.1		Obs.1		
	M 50×50×0,97	20"×20" 0.38 in	-	-	50×50×0,97	20"×20" 0.38 in	Obs.1		Obs.1		
	M 45×45×0,8	18"×18" 0.32 in	-	-	45×45×0,8	18"×18" 0.32 in	Obs.1		Obs.1		
	M 30×30×0,8	12"×12" 0.32 in	-	-	30×30×0,8	12"×12" 0.32 in	Obs.1		Obs.1		
	M 30×30×0,7	12"×12" 0.28 in	-	-	30×30×0,7	12"×12" 0.28 in	Obs.1		Obs.1		
	M 20×20×0,8	8"×8" 0.32 in	-	-	20×20×0,8	8"×8" 0.32 in	Obs.1		Obs.1		
	M 20×20×0,6	8"×8" 0.24 in	-	-	20×20×0,6	8"×8" 0.24 in	Obs.1		Obs.1		
	M 10×30×0,8	4"×12" 0.32 in	-	-	10×30×0,8	4"×12" 0.32 in	Obs.1		Obs.1		
	M 10×30×0,7	4"×12" 0.28 in	-	-	10×30×0,7	4"×12" 0.28 in	Obs.1		Obs.1		
	33×33×0,8	13"×13" 0.32 in	33×33×0,8	13"×13" 0.32 in	-	-	Obs.1		Obs.1		
	7,5×25×1	3"×10" 0.39 in	7,5×25×1	3"×10" 0.39 in	-	-	Obs.1		Obs.1		
	7,5×25×0,8	3"×10" 0.32 in	7,5×25	3"×10" 0.32 in	-	-	Obs.1		Obs.1		

Formato Format		Dimensão Nominal (N) Nominal Size (N)				Dimensão de Fabrico (W) Work Size (W)						
		Formatos Não Modulares Non-Modular Formats		Formatos Modulares Modular Formats								
cm	in	cm	in	cm	in	mm		in				
							Espessura Thickness		Espessura Thickness			
EN 14411:2016 Anexo K Grupo BIII GL Azulejos de Pasta Branca Bicozedura \ Double Fired White Body Wall Tiles Faïences en Pâte Blanche Bi-Cuisson \ Weiss-Scherbige Zweibrand Steingutfliiesen												
	30×90×1	12"×35"	0.39 in	30×90×1	12"×35"	0.39 in	-	-	298×898	10	11.73×35.35	0.39 in
	M 25×75×0,9	10"×30"	0.35 in	-	-	25×75×0,9	10"×30"	0.35 in	247×747	9	9.72×29.40	0.35 in
	M 25×55×0,8	10"×22"	0.32 in	-	-	25×55×0,8	10"×22"	0.32 in	247×547	8	9.72×21.54	0.32 in
	M 25×45×0,8	10"×18"	0.32 in	-	-	25×45×0,8	10"×18"	0.32 in	247×447	8	9.72×17.60	0.32 in
	M 20×40×0,75	8"×16"	0.30 in	-	-	20×40×0,75	8"×16"	0.30 in	197×397	7,5	7.76×15.63	0.30 in
	M 20×20×0,75	8"×8"	0.30 in	-	-	20×20×0,75	8"×8"	0.30 in	197×197	7,5	7.76×7.76	0.30 in
	M 10×40×0,8	4"×16"	0.32 in	-	-	10×40×0,8	4"×16"	0.32 in	97×397	8	3.82×15.63	0.32 in
	M 10×30×0,8	4"×12"	0.32 in	-	-	10×30×0,8	4"×12"	0.32 in	97×297	8	3.82×11.69	0.32 in
	M 10×30×0,75	4"×12"	0.30 in	-	-	10×30×0,75	4"×12"	0.30 in	97×297	7,5	3.82×11.69	0.30 in
	M 15×15×0,7	6"×6"	0.28 in	-	-	15×15×0,7	6"×6"	0.28 in	147×147	7	5.79×5.79	0.28 in
	M 15×15×0,58	6"×6"	0.23 in	-	-	15×15×0,58	6"×6"	0.32 in	147×147	5,8	5.79×5.79	0.32 in
	7,5×25×0,9 Diamond	3"×10" Diamond	0.35 in	7,5×25×0,9	3"×10"	0.35 in	-	-	75×247	9	2.95×9.72	0.35 in

Obs.1

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Porcelanato Vidrado \ Glazed Porcelain Stoneware
Grès Cérame Émaillé \ Feinsteinzeug Glasiert

Dada a grande retracção (7 a 8%) que sofre o material durante o processo de cozedura, a dimensão de fabrico (igual a calibre) é determinada no processo, durante a fase de escolha, e impressa em cada embalagem (p.e.: o M 20×20 cm pode ter calibres 196, 197 ou 198 mm).

Due to the high contraction (7 to 8%) of the material during the firing process, the production size (also designated as the caliber) is determined within the process, when the final selection is made. The size (caliber) is printed onto each box (e.g.: M 20×20 cm may have calibers of 196, 197 or 198 mm).

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Característica \ Characteristics Caractéristique \ Eigenschaft	Norma Standard Norme Norm	Alínea da Norma Standard Item Paragraphe de la norme Absatz der Norm	EN	CINCA	EN	CINCA	EN	CINCA	
 Qualidade de superfície (1) Surface quality (1) Qualité de la surface (1) Oberfläche (1)	EN ISO 10545-2	A.6	> 95%	> 95%	> 95%	> 95%	> 95%	> 95%	> 95%
 Dimensões Dimensions Dimensions Abmessungen	EN ISO 10545-2	A.1 to A.5	Ver Tabela See Table Voir Tableau Siehe Tabelle		Ver Tabela See Table Voir Tableau Siehe Tabelle		Ver Tabela See Table Voir Tableau Siehe Tabelle		
 Absorção de água (média) Water absorption (average) Absorption d'eau (moyenne) Wasseraufnahme (Durchschnitt)	EN ISO 10545-3	B1	Eb> 10%	18% ≤ Eb< 20%	Eb ≤ 0,5%	Eb ≤ 0,2%	Eb ≤ 5,0%	Eb ≤ 0,2%	
 Módulo de rutura (N/mm²) médio Modulus of rupture (N/mm²) average Module de rupture (N/mm²) moyenne Bruchmodul (N/mm²) Durchschnitt	EN ISO 10545-4	B2	> 12 N/mm²	≥ 13 N/mm²	> 35 N/mm²	≥ 38 N/mm²	> 35N/mm²	≥ 38N/mm²	
 Força de rutura (N) min. (2) Breaking strength (N) min. (2) Force de Rupture (N) min. (2) Bruchlast (N) min. (2)	EN ISO 10545-4	B.2 a)	≥ 7,5 mm > 600 N	≥ 7,5 mm ≥ 660 N	> 1300 N	≥ 1430 N	> 1300	≥ 1430	
		B.2 b)	< 7,5 mm > 200 N	< 7,5 mm ≥ 220 N					
 Resistência à abrasão profunda (UGL) (3) Resistance to deep abrasion (UGL) (3) Résistance à l'abrasion profonde (UGL) (3) Verschleissbeständigkeit (UGL) (3)	EN ISO 10545-6	B.4 a)	Não aplicável Not applicable Non applicable Nicht zutreffend		Não aplicável Not applicable Non applicable Nicht zutreffend		≤ 175 mm²	≤ 155 mm²	
 Resistência à abrasão superficial (UGL) (3) Resistance to surface abrasion (UGL) (3) Résistance à l'abrasion superficielle (UGL) (3) Oberflächenverschleissbeständigkeit (UGL) (3)	EN ISO 10545-7	B.4 b)	Não aplicável Not applicable Non applicable Nicht zutreffend		Classe de Abrasão Abrasion Class Classe d'Abrasion Abriebklasse	Ver Catálogo See Catalog Voir Catalogue Siehe Katalog	Classe de Abrasão Abrasion Class Classe d'Abrasion Abriebklasse		
 Coefficiente de dilatação térmica linear (K⁻¹) Linear thermal expansion coefficient (K ⁻¹) Coefficient de dilatation thermique linéaire (K ⁻¹) Linearer Wärmeausdehnungskoeffizient (K ⁻¹)	EN ISO 10545-8	B.5	Valor declarado Declared value Valeur déclarée Angegebener Wert	6,0 - 8,0×10⁻⁴ K⁻¹	Valor declarado Declared value Valeur déclarée Angegebener Wert	6,0 - 7,0×10⁻⁴ K⁻¹	Valor declarado Declared value Valeur déclarée Angegebener Wert	6,0 - 7,0×10⁻⁴ K⁻¹	
 Resistência ao choque térmico Thermal shock resistance Résistance aux écarts de température Temperaturwechselbeständigkeit	EN ISO 10545-9	B.6	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	
 Resistência à fendilhagem Résistance au treuillage Tensile strength Haarrißfestigkeit	EN ISO 10545-11	B.7	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	
 Resistência ao gelo (4) Frost resistance (4) Résistance au gel (4) Frostbeständigkeit (4)	EN ISO 10545-12	B.8	Valor declarado Declared value Valeur déclarée Angegebener Wert	Não No Non Nein	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	Requerida Required Exigée Gefordert	Conforme Conforms Conforme Entspricht	
 Escorregamento (3) Slipperiness (3) Glissance (3) Rutschung (3)	DIN 51130 DIN 51097 CEN/TS 16165	B.9	Não aplicável Not applicable Non applicable Nicht zutreffend		Valor declarado Declared value Valeur déclarée Angegebener Wert	Ver Catálogo See Catalog Voir Catalogue Siehe Katalog	Valor declarado Declared value Valeur déclarée Angegebener Wert	Ver Catálogo See Catalog Voir Catalogue Siehe Katalog	
 Resistência da colagem – cimentos cola tipo C2 (5) Résistance du collage – ciment colle type C2 (5) Bond strength – cementitious adhesives type C2 (5) Klebebeständigkeit – Klebemörtel typ C2 (5)	EN 12004 4.1	B.10 a)	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	
		B.10 b)	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 1 N/mm²	
		B.10 c)	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 2 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 2 N/mm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 2 N/mm²	
 Dilatação com a Humidade Moisture Expansion Dilatation à l'Humidité Ausdehnung bei Feuchtigkeit	EN ISO 10545-10	B.11	Valor declarado Declared value Valeur déclarée Angegebener Wert	< 0,06%	Valor declarado Declared value Valeur déclarée Angegebener Wert	< 0,06%	Valor declarado Declared value Valeur déclarée Angegebener Wert	< 0,06%	
 Pequenas Variações de Cor (6) Small Colour Differences (6) Faibles Variations de Couleur (6) Geringe Farbvariationen (6)	EN ISO 10545-16	GL B.12 a)	ΔEcmc<0,75	Conforme Conform Conforme Entspricht	ΔEcmc<0,75	Conforme Conform Conforme Entspricht	ΔEcmc<1,0	Conforme Conform Conforme Entspricht	
		UGL B.12 b)							
 Resistência ao impacto (coeficiente de restituição) (3) Impact resistance (restitution coefficient) (3) Résistance au choc (coefficient de restitution) (3) Impaktbeständigkeit (3)	EN ISO 10545-5	B.13	Não aplicável Not applicable Non applicable Nicht zutreffend		Valor declarado Declared value Valeur déclarée Angegebener Wert	> 0,55	Valor declarado Declared value Valeur déclarée Angegebener Wert	> 0,55	
 Reacção ao fogo (7) Reaction to fire (7) Réaction au feu (7) Reaktion auf Feuer (7)	CWT	B.14	Classe A1 Class A1 Classe A1 Klasse A1	Classe A1 Class A1 Classe A1 Klasse A1	Classe A1 Class A1 Classe A1 Klasse A1	Classe A1 / A1_{fl} Class A1 / A1 _{fl} Classe A1 / A1 _{fl} Klasse A1 / A1 _{fl}	Classe A1 Class A1 Classe A1 Klasse A1	Classe A1 / A1_{fl} Class A1 / A1 _{fl} Classe A1 / A1 _{fl} Klasse A1 / A1 _{fl}	
 Tactilidade Tactility Tactilité Tastgefühl	CEN/TS 15209	B.15	Não aplicável Not applicable Non applicable Nicht zutreffend		Declarar superfície Declare surface Déclarer surface Oberfläche angeben	NPD	Declarar superfície Declare surface Déclarer surface Oberfläche angeben	NPD	
 Resistência às manchas Stain resistance Résistance aux taches Fleckenbeständigkeit	EN ISO 10545-14	GL C.1 a)	Min. Class 3 Min. Class 3 Min. Classe 3	Classe 5 Class 5 Classe 5 Klasse 5	Min. Class 3 Min. Class 3 Min. Classe 3	Aplicável Applicable Applicable Gefordert	Valor declarado Declared value Valeur déclarée Angegebener Wert	Min. Class 3 Min. Class 3 Min. Classe 3	
		UGL C.1 b)							

EN 14411:2016 Anexo G Grupo Bia UGL Porcelânico Pasta Corada Decorado \ Colored body Porcelain Stoneware \ Grès cérame décoré coloré dans la masse \ Durchgefärbtes dekoriertes Feinsteinzeug									
EN 14411:2016 Anexo G Grupo Bia GL Porcelanato Vidrado \ Glazed Porcelain Stoneware \ Grès Cérame Émaillé \ Feinsteinzeug Glasiert									
EN 14411:2016 Anexo K Grupo BIII GL Azulejos de Pasta Branca Bicozedura \ Double Fired White Body Wall Tiles Faiences en Pâte Blanche Bi-Cuison \ Weiss-Scherbige Zweibrand Steingutfliessen									
Característica \ Characteristics Caractéristique \ Eigenschaft	Norma Standard Norme Norm	Alínea da Norma Standard Item Paragraphe de la norme Absatz der Norm	EN	CINCA	EN	CINCA	EN	CINCA	
	Fracas concentrações de ácidos e bases Low acid and base concentrations Basses concentrations d'acides et de bases Niedrige Konzentrationen von Säuren und Laugen	EN ISO 10545-13	C.2 a)	Valor declarado Declared value Valeur déclarée Angegebener Wert	GLA	Valor declarado Declared value Valeur déclarée Angegebener Wert	GLA	Valor declarado Declared value Valeur déclarée Angegebener Wert	ULA
	Resistência a Ácidos e Bases com Alta Concentração (8) Resistance to Acids and Alkalis of High Concentration (8) Résistance aux Acides et Bases de Haute Concentration (8) Beständigkeit gegen hohe Konzentrationen von Säuren und Laugen (8)		C.2 b)	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD
	Produtos de limpeza e aditivos de piscinas Household chemicals and swimming pool additives Produits de nettoyage et additifs pour eau de piscine Reinigungsprodukte und Wasserzusatz für Schwimmbäder		C.2 c)	Min. Class B Min. Class B Min. Klasse B	GA	Min. Class 3 Min. Class 3 Min. Klasse 3	GA	Min. Class 3 Min. Class 3 Min. Klasse 3	UA
	Libertação de cádmio e chumbo (9) Release of cadmium and lead (9) Dégagement de cadmium et plomb (9) Abgabe von Cadmium und Blei (9)	EN ISO 10545-15	Cádmio C.3 a) Cadmium	Valor declarado Declared value Valeur déclarée Angegebener Wert	Cádmio Cadmium ≤ 0,005 mg/dm²	Valor declarado Declared value Valeur déclarée Angegebener Wert	Cádmio Cadmium ≤ 0,005 mg/dm²	Não aplicável Not applicable Non applicable Nicht zutreffend	
			Chumbo C.3 b) Lead		Chumbo Lead ≤ 0,05 mg/dm²		Chumbo Lead ≤ 0,05 mg/dm²		
	Libertação de Outras Substâncias Perigosas (9) (10) (11) (12) Release of Other Dangerous Substances (9) (10) (11) (12) Dégagement d'Autres Substances Dangereuses (9) (10) (11) (12) Abgabe von anderen gefährlichen Substanzen (9) (10) (11) (12)	Se Relevante If Relevant Si Pertinent Falls Relevant	C.3 c)	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD	Valor declarado Declared value Valeur déclarée Angegebener Wert	NPD

NPD = Desempenho Não Determinado \ No Performance Declared \ Performance Non Déterminée \ Keine Leistung Festgelegt

Contactar a CINCA para mais informações \ Contact CINCA for more informations \ Contacter CINCA pour plus d'informations. \ Für weitere Informationen bitte CINCA kontaktieren.

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(1) Percentagem de ladrilhos livres de defeito visual que possa afectar o aspecto dum aia importante. Pequenas variações de cor em virtude do processo de cozedura, irregularidades intencionais de cor, manchas ou pontos coloridos podem ser característicos de um determinado produto e não são considerados como defeito. \ Percentage of tiles free from any visual defect that could impair the appearance of a major area of tiles. Slight color variations due to the firing process, intentional irregularities of colors, spots or colored dots could be characteristic of a given product and are not considered as a defect. \ Pourcentage de carreaux libres de défaut visuel qui puisse altérer l'aspect d'une surface importante. Faibles variations de couleurs dues au procédé de cuisson, irrégularités intentionnelles de couleur, taches ou points colorés peuvent être considérés comme une caractéristique du produit et non un défaut. \ Prozentsatz der mäßelfreien Fliesen, die die visuelle Erscheinung eines wichtigen Bereich beeinflussen können. Geringe Farbabweichungen aufgrund des Brennvorgangs, Unregelmäßigkeiten bei Intensität der Farben, Flecken oder Punkte können Eigenschaften eines bestimmten Produktes sein und werden nicht als Fehler anerkannt.

(2) A resistência à flexão varia de formato para formato. Os valores declarados são os valores mínimos para cada categoria de espessura. Para mais informações por favor contacte os serviços comerciais da CINCA. \ The breaking strength varies from size to size. The stated values are minimum values for each thickness category. For more informations please contact CINCA commercial services. \ La résistance à la flexion varie de format à format. Les valeurs déclarées sont les valeurs minimales pour chaque catégorie d'épaisseur. Pour plus d'informations, merci de contacter les services commerciaux de Cinca. \ Die Biegefestigkeit ist von Format zu Format unterschiedlich. Die angegebenen Werte sind die Mindestwerte je Stärkekategorie. Für weitere Informationen wenden Sie sich bitte an die Vertriebsabteilung von CINCA.

(3) Apenas aplicável a pavimentos. \ Only applicable to floor tiles. \ Seulement applicable pour les carreaux de sol. \ Nur für Bodenfliesen anwendbar.

(4) Apenas aplicável a produtos destinados à aplicação no exterior. \ Only applicable to tiles intended to use on exterior areas. \ Seulement applicable pour les produits appliqués en extérieur. \ Nur für Produkte die für die Anwendung im Aussenbereich geeignet sind.

(5) A determinação laboratorial da aderência dos ladrilhos cerâmicos aos cimentos-cola é de teor indicativo e apenas relevante em circunstâncias específicas, designadamente, segundo a norma harmonizada, "apenas quando o ladrilho for utilizado em paredes sujeitas a requisitos contra a queda de objetos em áreas transitáveis." Os valores obtidos e declarados resultam de ensaios em condições laboratoriais ideais e poderá não existir correlação entre a aderência declarada e o desempenho do cerâmico em uso, pois fatores como as técnicas de aplicação e tipos de suporte influenciam fortemente o desempenho final. \ The laboratorial determination regarding the adhesion of ceramic tiles to mortar/cement glue is merely indicative and relevant only under certain specific circumstances, namely, according to the harmonized standard, "only when the tile is used on walls subject to requisites against the fall of objects in trafficable areas." The results obtained and declared are a result of tests carried out under ideal laboratorial conditions, and therefore a correlation between the declared adhesion results and the performance of the tile in use may not exist, since application techniques and the different types of support can strongly influence the final performance. \ L'adhérence du carrelage aux mortiers collés est à titre indicatif et exclusivement indispensable, notamment, selon la norme harmonisée quand le carrelage est utilisé pour des murs soumis aux exigences contre la chute d'objet dans des zones circulables. \ Les résultats obtenus et déclarés proviennent d'essais en laboratoire, donc il est possible qu'il n'existe aucune corrélation entre l'adhérence déclarée et la performance du carrelage, car la mise-en-œuvre et le type de support sont des facteurs qui influencent fortement la performance finale. \ Die labortechnische Bestimmung der Haftung der Keramikfliesen am Zementkleber ist nur als indikativ zu betrachten und nur in bestimmten Fällen relevant, insbesondere nach der harmonisierten Norm, „nur bei Anwendung der Fliesen an Wände, die die Anforderungen gegen herabfallende Gegenstände in begeh- oder befahrbaren Bereichen erfüllen.“ Die erhaltenen und angegebenen Werte, sind Resultate aus Labortests unter optimalen Laborbedingungen. Es kann daher nicht gewährleistet werden, das die angegebene Haftung, den tatsächlichen Ergebnissen vor Ort entspricht, da verschiedene Faktoren, wie z.B. die Verlegetechnik und die verschiedenen verwendeten Materialien, die tatsächliche Haftung erheblich beeinflussen.

(6) Apenas para cores lisas onde pequenas diferenças de cor sejam importantes na especificação. Para mais informações por favor contacte os serviços comerciais da CINCA. \ Only for plain color tiles where small color differences are important in a specification. For more informations please contact CINCA commercial services. \ Seulement pour les teintes unies où les faibles différences de couleurs sont importantes dans la prescription. Pour plus d'informations, merci de contacter les services commerciaux de Cinca. \ Nur für Unifarben bei denen geringe Farbuunterschiede wichtig in der Spezifikation sind. Für weitere Informationen wenden Sie sich bitte an die Vertriebsabteilung von CINCA.

(7) Os ladrilhos cerâmicos, dado serem incombustíveis, são classificados na classe A1 "nenhuma contribuição para o fogo" e são considerados sem necessidade de teste (CWT) de acordo com a Decisão da Comissão 96/603/CE, como emendada. \ Given ceramic tiles are non combustible, they're classified in Class A1 "no contribution towards fire" and as such the CWT test is not required in accordance with the Decision of the Commission 96/603/CE, as amended. \ Les carreaux céramiques sont incombustibles et appartiennent donc à la classe A1 "aucune contribution à l'incendie", ils sont exemptés du test (CWT) en accord avec la Décision de la Commission 96/603/CE, comme amendée. \ Keramikfliesen sind nicht brennbar und werden daher als Material der Klasse A1 "nicht Brand fördernd" eingestuft. Sie unterliegen keiner Prüfungsnotwendigkeit (CWT), gemäss der überarbeiteten Entscheidung der Kommission 96/603/CE.

(8) O ensaio para altas concentrações de ácidos e bases é apenas aplicável a produtos que se destinem a ser usados em situações potencialmente corrosivas. Para mais informações por favor contacte os serviços comerciais da CINCA. \ The test for high concentration of acids and alkalis is only intended for ceramic tiles which are to be used in potentially corrosive conditions. For more informations please contact CINCA commercial services. \ Le test pour les hautes concentrations d'acides et de bases est seulement fait pour les produits destinés à être utilisés en situation potentiellement corrosive. Pour plus d'informations, merci de contacter les services commerciaux de Cinca. \ Die Prüfung gegen hohe Konzentrationen von Säuren und Laugen ist nur anwendbar für Produkte, die dafür gedacht sind in potenziell korrosiven Situationen verwendet zu werden. Für weitere Informationen wenden Sie sich bitte an die Vertriebsabteilung von CINCA.

(9) Apenas para ladrilhos cerâmicos que se destinem a ser usados em mesas de trabalho ou paredes em locais onde ocorra a preparação de alimentos e onde estes estejam em contacto direto com a superfície vidrada. Os valores apresentados são indicativos e podem ser alterados sem aviso prévio. Caso tenha intenção de utilizar os produtos nestas circunstâncias por favor contacte os serviços comerciais da CINCA. \ Only for glazed ceramic tiles when intended to use on worktops and/or wall surfaces where food preparation takes place and food may be in direct contact with the glazed surface of the tile. Please take note that these figures are subject to changes without further notice. Please contact CINCA commercial services if you intend any of the referred uses. \ Seulement valable pour les carreaux en céramique destinés à être utilisés comme plan de travail ou sur des murs situés dans des zones de préparation de produits alimentaires et où ceux-ci sont en contact direct avec la surface émaillée. Les valeurs présentées sont indicatives et elles peuvent être changées sans avis préalable. Dans le cas où vous avez l'intention d'utiliser les produits dans ces circonstances, merci de contacter les services commerciaux de Cinca. \ Nur für Keramikfliesen, die dafür bestimmt sind, auf Arbeitsflächen oder Wänden benutzt zu werden, in Räumen in denen Lebensmittel verarbeitet werden und diese in direktem Kontakt zur Glasierung kommen. Es handelt sich hierbei um Richtwerte, die ohne Vorankündigung geändert werden können. Wenn Sie die Produkte für diese Verwendung benutzen möchten, kontaktieren Sie bitte zunächst die Vertriebsabteilung von CINCA.

(10) Apenas serão realizados ensaios quando relevante considerando regulamentos europeus ou leis, regulamentos ou provisões administrativas. Os ensaios relevantes serão executados a pedido do cliente após a análise das leis ou regulamentos localmente aplicáveis. Para mais informações por favor contacte os serviços comerciais da CINCA. \ Only tested when relevant considering european regulations or national laws, regulations or administrative provisions. The relevant tests could be conducted by request from customers after analysis of the local applicable laws and regulations. Please contact CINCA commercial services for more information. \ Les tests seront seulement réalisés s'ils s'avèrent pertinents face aux réglementations européennes ou face aux lois, règlements et dispositions administratives. Les tests seront alors exécutés sur demande du client après l'analyse des lois ou des règlements applicables localement. Pour plus d'informations, merci de contacter les services commerciaux de Cinca. \ Prüfungen werden nur durchgeführt falls notwendig, und unter Beachtung der europäischen Vorschriften oder Gesetze, Verordnungen oder Verwaltungsvorschriften. Die entsprechenden Prüfungen werden auf Kundenwunsch, nach Beachtung der örtlich geltenden Gesetze oder Vorschriften durchgeführt. Für weitere Informationen kontaktieren Sie bitte die Vertriebsabteilung von CINCA.

(11) Ao abrigo do Regulamento (CE) N.º 1907/2006 do Parlamento Europeu e do Conselho de 18 de Dezembro de 2006 (REACH), artigo 3.º, n.º 3 os pavimentos e revestimentos cerâmicos são considerados artigos, não se prevendo a libertação de quaisquer substâncias em condições de utilização normais ou razoavelmente previsíveis, razão pela qual não é necessária qualquer ficha de dados de segurança para a sua colocação no mercado, transporte ou utilização. \ Under Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th of December 2006 (REACH), article 3, number 3, floor and wall tiles are considered articles and are not expected to release any substances when used in normal and reasonably predicted conditions, reason why any safety data sheet for its fixing, transport or use in the market, is not necessary. \ Sous la Réglementation (CE) N° 1907/2006 du Parlement Européen et du Conseil du 18 Décembre 2006 (REACH), article 3°, paragraphe 3, les sols et revêtements céramiques sont considérés comme des articles dont la libération de quelconques substances en conditions d'utilisation normales ou raisonnablement prévisibles n'est pas prévue, raison pour laquelle aucune fiche de données de sécurité pour son application dans le marché, transport ou utilisation n'est nécessaire. \ Gemäß der Verordnung (EG) Nr. 1907/2006 des Europäischen Parlamentes und des Rates vom 18. Dezember 2006 (REACH), Artikel 3, Nr. 3, sind keramische Wand- und Bodenfliesen als Artikel eingestuft, die bei normaler Verwendung keinerlei Stoffe absondern und deshalb keinerlei Sicherheitsdatenblatt benötigen, um auf den Markt gebracht, transportiert oder verwendet zu werden.

(12) Os pavimentos e revestimentos cerâmicos não se encontram classificados como substâncias perigosas de acordo com o Regulamento (CE) N.º 1272/2008 do Parlamento Europeu e do Conselho de 16 de Dezembro de 2008. \ Wall and floor tiles are not classified as hazardous according to the Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th of December 2008. \ Les sols et revêtements céramiques ne sont pas considérés comme des substances dangereuses selon la Réglementation (CE) N° 1272/2008 du Parlement Européen et du Conseil du 16 Décembre 2008. \ Die keramischen Wand- und Bodenfliesen sind nicht als gefährliche Stoffe klassifiziert, gemäß der Verordnung (EG) Nr. 1272/2008 des Europäischen Parlamentes und des Rates vom 16. Dezember 2008.

ANSI A137.1:2017 Pressed Floor Tile Class P1 - Impervious (Porcelain) - w.a. ≤ 0.5%									
ANSI A137.1:2017 Glazed Wall Tile Class P4 - Non-Vitreous - 7.0% < w.a. ≤ 20.0%									
Characteristics	Test Method	Minimum	Maximum	Obs.	Results	Minimum	Maximum	Obs.	Results
RECTIFIED TILES									
Nominal Size	ASTM C499	-2.00%	2.00%	-	OK	-3.00%	2.00%	-	OK
Caliber Range	ASTM C499	-0.25% or -0.03 in (-0.8 mm)	0.25% or 0.03 in (0.8 mm)	1	± 0.05%	-0.25% or -0.03 in (-0.8 mm)	0.25% or 0.03 in (0.8 mm)	1	± 0.05%
 Warpage Edge	ASTM C485	-0.30% or -0.04 in (-1.0 mm)	0.40% or 0.05 in (1.3 mm)	-	± 0.25%	-0.40% or -0.05 in (-1.3 mm*) or (-1.8mm**)	-0.40% or -0.05 in (-1.3 mm*) or (-1.8mm**)	-	± 0.25%
Warpage Diagonal	ASTM C485	-0.30% or -0.05 in (-1.3 mm)	0.40% or 0.07 in (1.8 mm)	1	± 0.25%	-0.40% or -0.07 in (-1.8 mm)	0.40% or 0.07 in (1.8 mm)	1	± 0.25%
Wedging	ASTM C502	-0.25% or -0.03 in (-0.8 mm)	0.25% or 0.03 in (0.8 mm)	1	± 0.25%	-0.25% or -0.03 in (-0.8 mm)	0.25% or 0.03 in (0.8 mm)	1	± 0.25%
CALIBRATED TILES									
Nominal Size	ASTM C499	-2.00%	2.00%	-	OK	-3.00%	3.00%	-	OK
Caliber Range	ASTM C499	-0.30% or -0.04 in (-1.0 mm)	0.30% or 0.04 in (1.0 mm)	1	± 0.25%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.25%
 Warpage Edge	ASTM C485	-0.30% or -0.04 in (-1.0 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%	-0.50% or -0.07 in (-1.8 mm)	0.50% or 0.07 in (1.8 mm)	1	± 0.25%
Warpage Diagonal	ASTM C485	-0.30% or -0.05 in (-1.3 mm)	0.40% or 0.07 in (1.8 mm)	1	± 0.25%	-0.50% or -0.07 in (-1.8 mm)	0.50% or 0.07 in (1.8 mm)	1	± 0.25%
Wedging	ASTM C502	-0.40% or -0.05 in (-1.3 mm)	0.40% or 0.05 in (1.3 mm)	1	± 0.25%	-0.50% or -0.08 in (-2.0 mm)	0.50% or 0.08 in (2.0 mm)	1	± 0.25%
ALL TILES									
 Thickness	ASTM C499	N/A	Range: 0.031 in (0.79 mm)	3	± 5%	N/A	Range: 0.040 in (1.02 mm)	4	± 5%
 Visible Abrasion Resistance (Only GL Tiles)	ASTM C1027	-	-	-	-	As Reported	As Reported	2	See Catalog
 Bond Strength	ASTM C482	≥ 50 psi (0.34 Mpa)	-	-	Conforms	≥ 50 psi (0.34 Mpa)	-	-	Conforms
 Water Absorption	ASTM C373	P4	P4	-	P4 (18.0% to 20.0%)	0.00%	0.50%	-	P1 (up to 0.5%)
 Color Uniformity	ASTM C609	n.a.	V0 – 3 Judds	2	n.a.	n.a.	V0 – 3 Judds	3	n.a.
 Crazing Resistance	ASTM C424	Pass	-	-	Resists	Pass	-	2	Resists
 Thermal Shock	ASTM C484	Pass	-	-	Resists	Pass	-	2	Resists
 Chemical Resistance	ASTM C650	As Reported	As Reported	-	GA, GLA	As Reported	As Reported	-	GL: GA, GLA
 DCOF	Section 9.6	-	-	-	-	0.42	-	6	Conforms
 Stain Resistance	ASTM C1378	As Reported	As Reported	-	Class 5	As Reported	As Reported	-	Class 5
 Breaking Strength	ASTM C648	Average ≥ 125 lbf (0.56 kN) Indiv. ≥ 100 lbf (0.44 kN)		-	≥ 0.50 kN	Average ≥ 275 lbf (1.22 kN)	Indiv. ≥ 250 lbf (1.11 kN)	-	≥ 1.40 kN
 Resistance to Freeze / Thaw Cycling	ASTM C1026	As Reported	As Reported	4	Non Resistant	As Reported	As Reported	5	Resists

n.a. Not Applicable.
n.p.d. No Performance Declared.
GL Glazed Tiles.
UGL Unglazed Tiles.

(1) Whichever is less.

(2) Glazed Tile Only.

(3) Class V0 Tile Only.

(4) May not apply to textured surfaces or tiles with uneven back patterns.

(5) When installation subject to freeze / thaw conditions.

(6) For level interior spaces expected to be walked upon when wet.

DISCLAIMER: Specifications subject to change without further notice. This information is issued as is and without any further warranty of fitness for a particular purpose, so in no event shall cinca be liable for any direct, indirect, or consequential damage whatsoever arising out of or in any way related to the use of their product.

Formato Format			Caixa Box 			Paleta Pallet 				
			Peças Tiles Tiles	m² / m ft² / ft	kg lb	Caixa / Paleta Box / Pallet Box / Pallet	m² ft²	Net. kg Net. lb	Brut. kg Brut. lb	 cm in
Pavimento Floor Tiles 										
	120×120	9,5 mm	2	2,88 m²	63,40	16	46,08	1.014	1.039	120×100×64
	47"×47"	0.37 in	2	31.00 ft²	139.77	16	496	2,135.49	2,290.60	47"×39"×25"
	60×120	9,5 mm	2	1,44 m²	31,70	30	43,20	951	976	120×100×63
	24"×47"	0.37 in	2	15.50 ft²	69.89	30	465	2,096.60	2,151.71	47"×39"×25"
	60×60	8 mm	4	1,44 m²	25,92	32	46,08	829	854	120×80×74
	24"×24"	0.32 in	4	15.50 ft²	57.14	32	496	1,827.63	1,882.75	47"×31"×29"
	33×33 (Mosaico Mosaic · 36)	9,5 mm	9	0,9801 m²	18,54					
	13"×13" (Mosaic 36)	0.37 in	9	10.55 ft²	40.87					
	33×33 (Mosaico Mosaic · 36)	8 mm	9	0,9801 m²	16,60					
	13"×13" (Mosaic 36)	0.32 in	9	10.55 ft²	36.60					
	29×29 (Mosaico Inclinado Inclined Mosaic · 16)	9,5 mm	9	0,7569 m²	14,40					
	11"×11" (Inclined Mosaic 16)	0.37 in	9	8.15 ft²	31.75					
	30×60 (Mosaico Mureto 12 Mosaic Mureto 12)	9,5 mm	6	1,0764 m²	22,80					
	12"×24" (Mosaic Mureto 12)	0.37 in	6	11.60 ft²	50.27					
	8×60 ROD	9,5 mm	20	12,00 m	21,40					
	3 ^{1/8} "×24" ROD	0.37 in	20	39.37 ft	47.18					
	8×60 ROD	8 mm	22	13,20 m	19,61					
	3 ^{1/8} "×24" ROD	0.32 in	22	43.31 ft	43.23					
	49×99	11 mm	2	0,97 m²	22,50	42	40,74	945	970	120×100×64
	19"×39"	0.43 in	2	10.44 ft²	49.60	42	438.52	2,083.37	2,138.48	47"×39"×25"
	24,5×99	11 mm	4	0,95 m²	23,00	46	43,70	1.058	1.083	120×100×62
	10"×39"	0.43 in	4	10.23 ft²	50.71	46	470.38	2,332.49	2,387.61	47"×39"×24"
	16×99	11 mm	6	0,95 m²	23,00	48	45,60	1.104	1.129	120×100×63
	6"×39"	0.43 in	6	10.23 ft²	50.71	48	490.83	2,433.90	2,489.02	47"×39"×25"
	16×99 CHV (2 Peças Tiles)	11 mm	6	0,7939 m²	19,22	48	38,1082	923	948	120×100×63
	6"×39" CHV (2 Tiles)	0.43 in	6	8.55 ft²	42.37	48	410.19	2,034.87	2,089.98	47"×39"×25"
	16×99 (Kirin)	11 mm	6	0,95 m²	23,00	48	45,60	1.104	1.129	120×100×63
	6"×39" (Kirin)	0.43 in	6	10.23 ft²	50.71	48	490.83	2,433.90	2,489.02	47"×39"×25"
	33×33 (Mosaico Mosaic · 36)	11 mm	7	0,7623 m²	16,25					
	13"×13" (Mosaic 36)	0.43 in	7	8.21 ft²	35.83					
	29×33 (Mosaico Estrela Star Mosaic · 18)	11 mm	7	0,6699 m²	11,00					
	11"×13" (Star Mosaic 18)	0.43 in	7	7.21 ft²	24.25					
	30×30 (Mosaico Mosaic · Irregular)	11 mm	7	0,63 m²	17,00					
	12"×12" (Mosaic Irregular)	0.43 in	7	6.78 ft²	37.48					
	30×30 (Mosaico Espinha Spine Mosaic · 11)	11 mm	4	0,36 m²	9,00					
	13"×13" (Spine Mosaic 11)	0.43 in	4	3.88 ft²	19.84					
	26×30 (Mosaico Mosaic · Hexagonal 9)	11 mm	8	0,4784 m²	11,00					
	10"×12" (Mosaic HEX 9)	0.43 in	8	5.15 ft²	24.25					
	8×99 ROD	11 mm	12	11,88 m	22,50					
	3 ^{1/8} "×39" ROD	0.43 in	12	38.98 ft	49.60					
	49×49	11 mm	4	0,96 m²	22,27	48	46,08	1.069	1.094	120×100×64
	19"×19"	0.43 in	4	10.33 ft²	40.19	48	496	2,356.74	2,411.86	47"×39"×25"
	24,5×49	11 mm	8	0,94 m²	21,82	35	32,90	764	789	120×80×63
	10"×19"	0.43 in	8	10.12 ft²	48.10	35	354.13	1,684.33	1,739.45	47"×31"×24"
	12,2×49	11 mm	15	0,88125 m²	20,45	45	39,65625	920	945	120×80×78
	5"×19"	0.43 in	15	9.49 ft²	45.08	45	426.86	2,028.25	2,083.37	47"×31"×31"
	24×49 (Mosaico Mosaic · Mureto 16)	11 mm	6	0,7056 m²	17,00					
	9"×19" (Mosaic Mureto 16)	0.43 in	6	7.60 ft²	37.48					
	33×33 (Mosaico Mosaic · 36 & 24)	11 mm	7	0,7623 m²	16,25					
	13"×13" (Mosaic 36 & 24)	0.43 in	7	8.21 ft²	35.83					
	8×49 ROD	11 mm	22	10,78 m	20,58					
	3 ^{1/8} "×19" ROD	0.43 in	22	35.37 ft	45.37					
	33×49 ESC	11 mm	5	2,45 m	20,79					
	13"×19" ESC	0.43 in	5	8.04 ft	45.83					
	49×49	9,7 mm	4	0,96 m²	20,17	48	46,08	968	993	120×100×64
	19"×19"	0.38 in	4	10.33 ft²	44.47	48	496	2,134.07	2,189.19	47"×39"×25"
	12,2×49	9,7 mm	16	0,94 m²	19,73	45	42,30	888	913	120×80×78
	5"×19"	0.38 in	16	10.12 ft²	43.50	45	455	1,958	2,012.82	47"×31"×31"

Formato Format	Caixa Box 				Paleta Pallet 					
	Peças Tiles Tiles	m² / m ft² / ft	kg lb	Caixa / Paleta Box / Pallet Box / Pallet	m² ft²	Net. kg Net. lb	Brut. kg Brut. lb	 cm in		
Pavimento Floor Tiles 										
	32,5×50 (Mosaico Mosaic · 12)	9,7 mm	6	0,975 m²	19,00					
	13" ×20" (Mosaic 12)	0.38 in	6	10.49 ft²	41.89					
	33×33 (Mosaico Mosaic · 64)	9,7 mm	9	1,00 m²	16,50					
	13" ×13" (Mosaic 64)	0.38 in	9	10.76 ft²	36.38					
	33×49 ESC	9,7 mm	6	2,94 m	20,37					
	13" ×19" ESC	0.38 in	6	9.65 ft	44.91					
	8×49 ROD	9,7 mm	25	12,25 m	20,58					
	3 ¹ /8" ×19" ROD	0.38 in	25	40.19 ft	45.37					
	48×98 P	11 mm	2	0,94 m²	21,90	42	39,51	920	945	120×100×63
	19"×39" P	0.43 in	2	10.12 ft²	48.28	42	425.28	2,028.25	2,083.37	47"×39"×25"
	23,5×98 P	11 mm	4	0,9212 m²	22,30	43	39,6116	959	984	120×100×62
	9"×39" P	0.43 in	4	9.92 ft²	49.16	43	426.38	2,114.23	2,169.35	47"×39"×24"
	15,5×98 P	11 mm	6	0,9114 m²	22,07	48	43,7472	1,059	1,084	120×100×62
	6"×39" P	0.43 in	6	9.81 ft²	48.66	48	470.89	2,334.70	2,389.81	47"×39"×24"
	15,5×98CHVP (2 Peças Tiles)	11 mm	6	0,7673 m²	18,58	48	36,828	892	917	120×100×62
	6"×39" CHV P (2 Tiles)	0.43 in	6	8.26 ft²	40.96	48	396.41	1,966.52	2,021.64	47"×39"×24"
	48×48 P	11 mm	4	0,92 m²	21,40	48	44,24	1,027	1,052	120×100×63
	19"×19" P	0.43 in	4	9.90 ft²	47.18	48	476.20	2,264.15	2,319.26	47"×39"×25"
	29×33 (Mosaico Estrela Star Mosaic · 18)	11 mm	7	0,6699 m²	11,00					
	11" ×13" (Star Mosaic 18)	0.43 in	7	7.21 ft²	24.25					
	M 60×60	8 mm	4	1,44 m²	25,92	32	46,08	829	854	120×80×74
	24"×24"	0.32 in	4	15.50 ft²	57.14	32	496	1,827.63	1,882.75	47"×31"×29"
	M 60×60 (Traditional · Floral · Geométrico)	8 mm	4	1,44 m²	25,92	32	46,08	829	854	120×80×74
	24"×24" (Traditional · Floral · Geométrico)	0.32 in	4	15.50 ft²	57.14	32	496	1,827.63	1,882.75	47"×31"×29"
	M 30×60	8 mm	7	1,26 m²	22,30	40	50,40	892	917	120×80×75
	12"×24"	0.32 in	7	13.56 ft²	49.16	40	542.50	1,966.52	2,021.64	47"×31"×30"
	M 30×30	8 mm	14	1,26 m²	22,80	46	57,96	1,049	1,074	120×80×73
	12"×12"	0.32 in	14	13.56 ft²	50.27	46	623.88	2,312.65	2,367.76	47"×31"×29"
	M 10×30	8 mm	42	1,26 m²	23,10	48	60,48	1,109	1,134	120×80×73
	4"×12"	0.32 in	42	13.56 ft²	50.93	48	651	2,444.93	2,500.04	47"×31"×29"
		32,5×60 (Mosaico Mosaic · Mureto)	8 mm	6	1,338 m²	24,10				
		13" ×24" (Mosaic Mureto)	0.32 in	6	14.40 ft²	53.13				
33×33 (Mosaico Mosaic · 36)		8 mm	9	0,9801 m²	16,60					
13" ×13" (Mosaic 36)		0.32 in	9	10.55 ft²	36.60					
33×30 (Mosaico Mosaic · HEX Regular)		8 mm	9	0,814 m²	12,50					
13" ×12" (Mosaic HEX Regular)		0.32 in	9	8.76 ft²	27.56					
30×30 (Mosaico Mosaic · Irregular)		8 mm	10	0,90 m²	16,00					
12" ×12" (Mosaic Irregular)		0.32 in	10	9.69 ft²	35.27					
29×29 (Mosaico Inclinado Inclined Mosaic · 16)		8 mm	9	0,7569 m²	13,95					
11" ×11" (Inclined Mosaic 16)		0.32 in	9	8.15 ft²	30.75					
22×29 (Mosaico Flecha Arrow Mosaic · 12)		8 mm	11	0,7018 m²	13,00					
9" ×11" (Arrow Mosaic 12)		0.32 in	11	7.55 ft²	28.66					
27×30 (Mosaico Bloco Mosaic Block · 12)		8 mm	9	0,729 m²	11,20					
11" ×12" (Mosaic Block 12)		0.32 in	9	7.85 ft²	24.69					
24×49 (Mosaico Mosaic · Mureto 16)		8 mm	7	0,8232 m²	13,90					
9" ×19" (Mosaic Mureto 16)		0.32 in	7	8.86 ft²	30.64					
M 10×30 Rodapé		8 mm	42	12,60 m	23,00					
4" ×12" Bullnose		0.32 in	42	41.34 ft	50.71					
8×60 ROD		8 mm	22	13,20 m	19,61					
3 ¹ /8" ×24" ROD		0.32 in	22	43.31 ft	43.23					
8×30 ROD	8 mm	36	10,80 m	16,20						
3 ¹ /8" ×12" ROD	0.32 in	38	35.43 ft	35.71						
	M 30×60	10 mm	6	1,08 m²	23,75	40	43,20	950	975	120×80×75
	12"×24"	0.39 in	6	11.63 ft²	52.36	40	465	2,094.39	2,149.51	47"×31"×30"
	32,5×60 (Mosaico Mosaic · Mureto)	10 mm	6	1,338 m²	24,60					
	13" ×24" (Mosaic Mureto)	0.39 in	6	14.40 ft²	54.23					
	30×30 (Mosaico Mosaic · Irregular)	10 mm	8	0,72 m²	17,80					
	12" ×12" (Mosaic Irregular)	0.39 in	8	7.75 ft²	39.24					

Formato Format		Caixa Box 			Paleta Pallet 									
		Peças Tiles Tiles	m² / m ft² / ft	kg lb	Caixa / Paleta Box / Pallet Box / Pallet	m² ft²	Net. kg Net. lb	Brut. kg Brut. lb	 cm in					
Pavimento Floor Tiles 		mm in												
M50×50	9,7 mm	4	1,00 m²	21,00	48	48,00	1.008	1.033	120×100×65					
20"×20"	0.38 in	4	10.76 ft²	46.30	48	516.67	2,222.26	2,277.38	47"×39"×26"					
32,5×50 (Mosaico Mosaic - 12)	9,7 mm	6	0,975 m²	19,00										
13"×20" (Mosaic 12)	0.38 in	6	10.49 ft²	41.89										
24×49 (Mosaico Mosaic - Mureto 16)	9,7 mm	6	0,7056 m²	17,00										
9"×19" (Mosaic Mureto 16)	0.38 in	6	7.60 ft²	37.48										
33×33 (Mosaico Mosaic - 36 & 64)	9,7 mm	9	1,00 m²	16,50										
13"×13" (Mosaic 36 & 64)	0.38 in	9	10.76 ft²	36.38										
33×33 (Mosaico Mosaic - 3D 12)	9,7 mm	7	0,7623 m²	19,00										
13"×13" (Mosaic 3D 12)	0.38 in	7	8.21 ft²	41.89										
33×33 (Mosaico Mosaic - Twist)	9,7 mm	10	1,089 m²	23,30										
13"×13" (Mosaic Twist)	0.38 in	10	11.72 ft²	51.37										
29×25,5 HEX (Mosaico Mosaic - Cubos)	9,7 mm	10	0,5256 m²	13,00										
11"×10" HEX (Mosaic Cubos)	0.38 in	10	5.66 ft²	28.66										
50×50 ESC	9,7 mm	4	2,00 m	21,00										
20"×20" ESC	0.38 in	4	6.56 ft	46.30										
33×50 ESC	9,7 mm	6	3,00 m	20,79										
13"×20" ESC	0.38 in	6	9.84 ft	45.83										
8×50 ROD	9,7 mm	25	12,50 m	21,00										
3 1/8" ×20" ROD	0.38 in	25	41.01 ft	46.30										
M45×45	8 mm	6	1,215 m²	21,46						34	41,31	730	755	120×80×104
18"×18"	0.32 in	6	13.08 ft²	47.31						34	444.66	1,609.37	1,664.49	47"×31"×41"
30×30 (Mosaico Mosaic - Irregular)	8 mm	10	0,90 m²	16,00										
12"×12" (Mosaic Irregular)	0.32 in	10	9.69 ft²	35.27										
8×45 ROD	8 mm	21	9,45 m	13,00										
3 1/8" ×18" ROD	0.32 in	21	31.00 ft	28.66										
M30×30 (Branços)	7 mm	15	1,35 m²	20,15	50	67,50	1.008	1.033	120×80×73					
12"×12" (Branços)	0.28 in	15	14.53 ft²	44.42	50	726.56	2,222.26	2,277.38	47"×31"×29"					
M10×30 B1G	7 mm	50	15,00 m	21,80										
4"×12" B1G	0.28 in	50	49.21 ft	48.06										
M20×20 (Heritage)	8 mm	19	0,76 m²	13,52	84	63,84	1.136	1.161	120×80×73					
8"×8" (Heritage)	0.32 in	19	8.18 ft²	29.81	84	687.17	2,504.45	2,559.57	47"×31"×29"					
33×33	8 mm	12	1,3333 m²	23,54	50	66,665	1.177	1.202	120×80×80					
13"×13"	0.32 in	12	14.35 ft²	51.90	50	717.58	2,594.84	2,649.96	47"×31"×31"					
37×33 (Mosaico Mosaic - HEX)	8 mm	11	1,387 m²	13,20										
15"×13" (Mosaic HEX)	0.32 in	11	14.93 ft²	20.10										
33×33 (Mosaico Mosaic - 36)	8 mm	9	1,00 m²	16,60										
13"×13" (Mosaic 36)	0.32 in	9	10.76 ft²	36.60										
33×33 (Mosaico Mosaic - 64)	8 mm	9	0,9801 m²	16,60										
13"×13" (Mosaic 64)	0.32 in	9	10.55 ft²	36.60										
33×30 (Mosaico Mosaic - HEX Regular)	8 mm	9	0,814 m²	12,50										
13"×13" (Mosaic HEX Regular)	0.32 in	9	8.76 ft²	27.56										
30×30 (Mosaico Mosaic - Irregular)	8 mm	10	0,90 m²	16,00										
12"×12" (Mosaic Irregular)	0.32 in	10	9.69 ft²	35.27										
33×33 ESC	8 mm	12	3,96 m	22,70										
13"×13" ESC	0.32 in	12	12.99 ft	50.04										
8×33 ROD	8 mm	38	12,54 m	18,00										
3 1/8" ×13" ROD	0.32 in	38	41.14 ft	39.68										
7,5×25 (Brick Road)	10 mm	44	0,825 m²	17,15						72	59,40	1.235	1.260	120×80×90
3"×10" (Brick Road)	0.39 in	44	8.88 ft²	37.81						72	639.38	2,722.71	2,777.82	47"×31"×35"
7,5×25 (French Quarter - Mystic - Tuscania)	8 mm	54	1,0125 m²	17,50						72	72,90	1.260	1.285	120×80×90
3"×10" (French Quarter - Mystic - Tuscania)	0.32 in	54	10.90 ft²	38.58						72	784.69	2,777.82	2,832.94	47"×31"×35"

Formato Format		Caixa Box 			Paleta Pallet 					
		Peças Tiles Tiles	m² / m ft² / ft	kg lb	Caixa / Paleta Box / Pallet Box / Pallet	m² ft²	Net. kg Net. lb	Brut. kg Brut. lb	 cm in	
Revestimento Wall Tiles 		mm in								
	30×90	10 mm	4	1,08 m²	19,25	48	51,84	924	949	120×100×85
	12"×35"	0.39 in	4	11.63 ft²	42.44	48	558	2,037.07	2,092.19	47"×39"×33"
	30×90	10 mm	4	1,08 m²	19,25					
	12"×35"	0.39 in	4	11.63 ft²	42.44					
	29×40 (Mosaico Mosaic · Mureto 15)	10 mm	4	0,464 m²	7,90					
	11"×16" (Mosaic Mureto 15)	0.39 in	4	4.99 ft²	17.42					
	33×33 (Mosaico 121 Mosaic 121)	10 mm	8	0,8712 m²	10,728					
	13"×13" (Mosaic 121)	0.39 in	8	9.38 ft²	23.65					
	22×29 (Mosaico Flecha Mosaic Arrow · 12)	10 mm	8	0,5104 m²	9,85					
	9"×11" (Mosaic Arrow 12)	0.39 in	8	5.49 ft²	21.72					
	8×30 Rodapé	10 mm	10	3,00 m	4,71					
	3"×12" Bullnose	0.39 in	10	9.84 ft	10.38					
	M25×75	9 mm	7	1,3125 m²	21,00	42	55,125	882	907	120×80×90
	10"×30"	0.35 in	7	14.13 ft²	46.30	42	593.36	1,944.48	1,999.59	47"×31"×35"
	7,5×25 (Diamond)	9 mm	38	0,7125 m²	11,33	90	64,125	1.020	1.045	120×80×99
	3"×10" (Diamond)	0.35 in	38	7.67 ft²	24.98	90	690.24	2,248.72	2,303.83	47"×31"×39"
	M25×75 (INS)	9 mm	4	0,75 m²	12,00					
	10"×30" (INS)	0.35 in	4	8.07 ft²	26.46					
	M25×75	9 mm	7	1,3125 m²	21,00					
	10"×30"	0.35 in	7	14.13 ft²	46.30					
	M25×75 (Piramide · Duna)	9 mm	6	1,125 m²	19,00					
	10"×30" (Piramide · Duna)	0.35 in	6	12.11 ft²	41.89					
	M75×75 (Stamp · 3 Peças Tiles)	9 mm	1 Pnl	0,5625 m²	9,00					
	30"×30" (Stamp · 3 Tiles)	0.35 in	1 Pnl	6.05 ft²	19.84					
	30×30 (Dots)	9 mm	4	0,36 m²	5,30					
	12"×12" (Dots)	0.35 in	4	3.86 ft²	11.68					
	33×33 (Mosaico Mosaic · 121)	9 mm	8	0,8712 m²	11,20					
	13"×13" (Mosaic 121)	0.35 in	8	9.38 ft²	24.69					
	25×30 (Mosaico Mosaic · 78)	9 mm	9	0,675 m²	9,00					
	10"×12" (Mosaic 78)	0.35 in	9	7.27 ft²	19.84					
	4×75 (Marigot)	9 mm	4	3,00 m	1,96					
	1 ⁵ / ₈ "×30" (Marigot)	0.35 in	4	9.84 ft	4.32					
	3×75 (St. Georges)	9 mm	4	3,00 m	1,62					
	1 ¹ / ₈ "×30" (St. Georges)	0.35 in	4	9.84 ft	3.57					
	12×25 ROD	8,5 mm	9	2,25 m	2,41					
	5"×10" ROD	0.34 in	9	7.38 ft	5.31					
	2,5×25 (Sigaro)	10,5 mm	8	2,00 m²	1,10					
	3/4"×1" (Sigaro)	0.41 in	8	21.53 ft²	2.43					
	M25×55	8 mm	10	1,375 m²	18,90	48	66,00	907	932	120×80×90
	10"×22"	0.32 in	10	14.80 ft²	41.67	48	710.42	1,999.59	2,054.71	47"×31"×35"
	M25×55 (INS)	8 mm	4	0,55 m²	7,02					
	10"×22" (INS)	0.32 in	4	5.92 ft²	15.48					
	33×33 (Mosaico Mosaic · 121)	8 mm	10	1,089 m²	13,41					
	13"×13" (Mosaic 121)	0.32 in	10	11.72 ft²	29.56					
	33×33 (Mosaico Mosaic · Twist)	8 mm	10	1,089 m²	14,20					
	13"×13" (Mosaic Twist)	0.32 in	10	11.72 ft²	31.31					
25×27 (Mosaico Mosaic · 26)	8 mm	10	0,675 m²	7,10						
10"×11" (Mosaic 26)	0.32 in	10	7.27 ft²	15.65						
29×25,5 HEX (Mosaico Cubos Mosaic Cubes)	8 mm	10	0,5256 m²	13,00						
11"×10" HEX (Mosaic Cubes)	0.32 in	10	5.66 ft²	28.66						
4×55 (Grant · Marigot)	8 mm	6	3,30 m	1,82						
1 ⁵ / ₈ "×22" (Grant · Marigot)	0.32 in	6	10.83 ft	4.01						
2×55 (Aço · Cobre)	8 mm	9	4,95 m	2,00						
3/4"×22" (Aço · Cobre)	0.32 in	9	16.24 ft	4.41						
4×25 (Karen · Maryland · Stardust)	8 mm	12	3,00 m	1,64						
1 ⁵ / ₈ "×10" (Karen · Maryland · Stardust)	0.32 in	12	9.84 ft	3.62						
10×25 (Grega)	8 mm	12	3,00 m	4,42						
4"×10" (Grega)	0.32 in	12	9.84 ft	9.74						
2×7,5 (Ângulo Angle · V-Cap)	8 mm	4	0,30 m	0,16						
3/4"×3" (Angle · V-Cap)	0.32 in	4	0.98 ft	0.35						

Formato Format		Caixa Box 			Paleta Pallet 					
		Peças Tiles Tiles	m² / m ft² / ft	kg lb	Caixa / Paleta Box / Pallet Box / Pallet	m² ft²	Net. kg Net. lb	Brut. kg Brut. lb	 cm in	
Revestimento Wall Tiles 		mm in								
7,5×25 (Rodapé)		8 mm	12	3,00 m	2,88					
3" × 10" (Bullnose)		0.32 in	12	9.84 ft	6.35					
7,5×25 (V-Cap)		8 mm	7	1,75 m	2,41					
3" × 10" (V-Cap)		0.32 in	7	5.74 ft	5.31					
3×25 (Quarter Round)		8 mm	12	3,00 m	1,23					
1 ¹ / ₈ " × 10" (Quarter Round)		0.32 in	12	9.84 ft	2.71					
3×3 (Ângulo Quarter Round)		8 mm	4	-	0,07					
1 ¹ / ₈ " × 1 ¹ / ₈ " (Quarter Round Angle)		0.32 in	4	-	0.15					
M25×45		8 mm	10	1,125 m ²	15,25	60	67,50	915	940	120×80×92
10" × 18"		0.32 in	10	12.11 ft ²	33.62	60	726.56	2,017.23	2,072.35	47"×31"×36"
M25×45 (INS)		8 mm	4	0,45 m ²	5,90					
10" × 18" (INS)		0.32 in	4	4.84 ft ²	13.01					
M25×45		8 mm	10	1,125 m ²	15,25					
10" × 18"		0.32 in	10	12.11 ft ²	33.62					
6×45 (Hestia · Gaia)		8 mm	6	2,70 m	2,20					
2 ³ / ₈ " × 18" (Hestia · Gaia)		0.32 in	6	8.86 ft	4.85					
4×45 (Rheia)		8 mm	6	2,70 m	1,64					
1 ⁵ / ₈ " × 18" (Rheia)		0.32 in	6	8.86 ft	3.62					
3×45 (Morgana)		8 mm	6	2,70 m	1,40					
1 ¹ / ₈ " × 18" (Morgana)		0.32 in	6	8.86 ft	3.09					
4×25 (Rheia · Zea)		8 mm	12	3,00 m	1,64					
1 ⁵ / ₈ " × 10" (Rheia · Zea)		0.32 in	12	9.84 ft	3.62					
3×25 (Morgana)		8 mm	12	3,00 m	1,23					
1 ¹ / ₈ " × 10" (Morgana)		0.32 in	12	9.84 ft	2.71					
2×25 (Hera)		8 mm	12	3,00 m	1,10					
3/4" × 10" (Hera)		0.32 in	12	9.84 ft	2.43					
M10×40		8 mm	30	1,20 m ²	18,00	52	62,40	936	961	120×80×95
4" × 16"		0.32 in	30	12.91 ft ²	39.68	52	671.67	2,063.53	2,118.64	47"×31"×37"
M10×30		8 mm	30	0,90 m ²	11,59	88	79,20	1,020	1,045	120×80×73
4" × 12"		0.32 in	30	9.69 ft ²	25.55	88	852.50	2,248.72	2,303.83	47"×31"×29"
M10×30 (Rodapé)		8 mm	12	3,60 m	4,78					
4" × 12" (Bullnose)		0.32 in	12	11.81 ft	10.54					
M10×30 (Série Serie Tiffany)		7,5 mm	26	0,78 m ²	11,25	88	68,64	990	1,015	120×80×73
4" × 12" (Serie Tiffany)		0.30 in	26	8.40 ft ²	24.80	88	738.83	2,182.58	2,237.69	47"×31"×29"
M20×20 (Série Serie Brancos)		7,5 mm	25	1,00 m ²	12,00	96	96,00	1,152	1,177	120×80×95
8" × 8" (Serie Brancos)		0.30 in	25	10.76 ft ²	26.46	96	1,033.34	2,539.73	2,594.84	47"×31"×37"
M10×20 (Aveiro)		7,5 mm	15	3,00 m	4,97					
4" × 8" (Aveiro)		0.30 in	15	9.84 ft	10.96					
M15×15 (Série Serie Pombalino)		7 mm	52	1,1818 m ²	13,28	70	82,7273	930	955	120×80×90
6" × 6" (Pombalino Serie)		0.28 in	52	12.72 ft ²	29.28	70	890.47	2,050.30	2,105.41	47"×31"×35"
M15×15 (INS) (Série Serie Pombalino)		7 mm	4	0,09 m ²	1,00					
6" × 6" I8NS) (Decor · Pombalino Serie)		0.28 in	4	0.97 ft ²	2.20					
7,5×15 (Sigaro · Série Serie Pombalino)		7 mm	7	1,05 m	1,30					
1" × 6" (Sigaro · Pombalino Serie)		0.28 in	7	3.44 ft	2.87					
2,5×15 (Quarter Round · Série Serie Pombalino)		7 mm	24	3,60 m	1,44					
3" × 6" (Quarter Round · Pombalino Serie)		0.28 in	24	11.81 ft	3.17					