



Cream LT23 50x100 NR

MARGRES
CERAMIC TILES

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Time 2.0

ELEGANCE AND
TIMELESSNESS
OF STONE

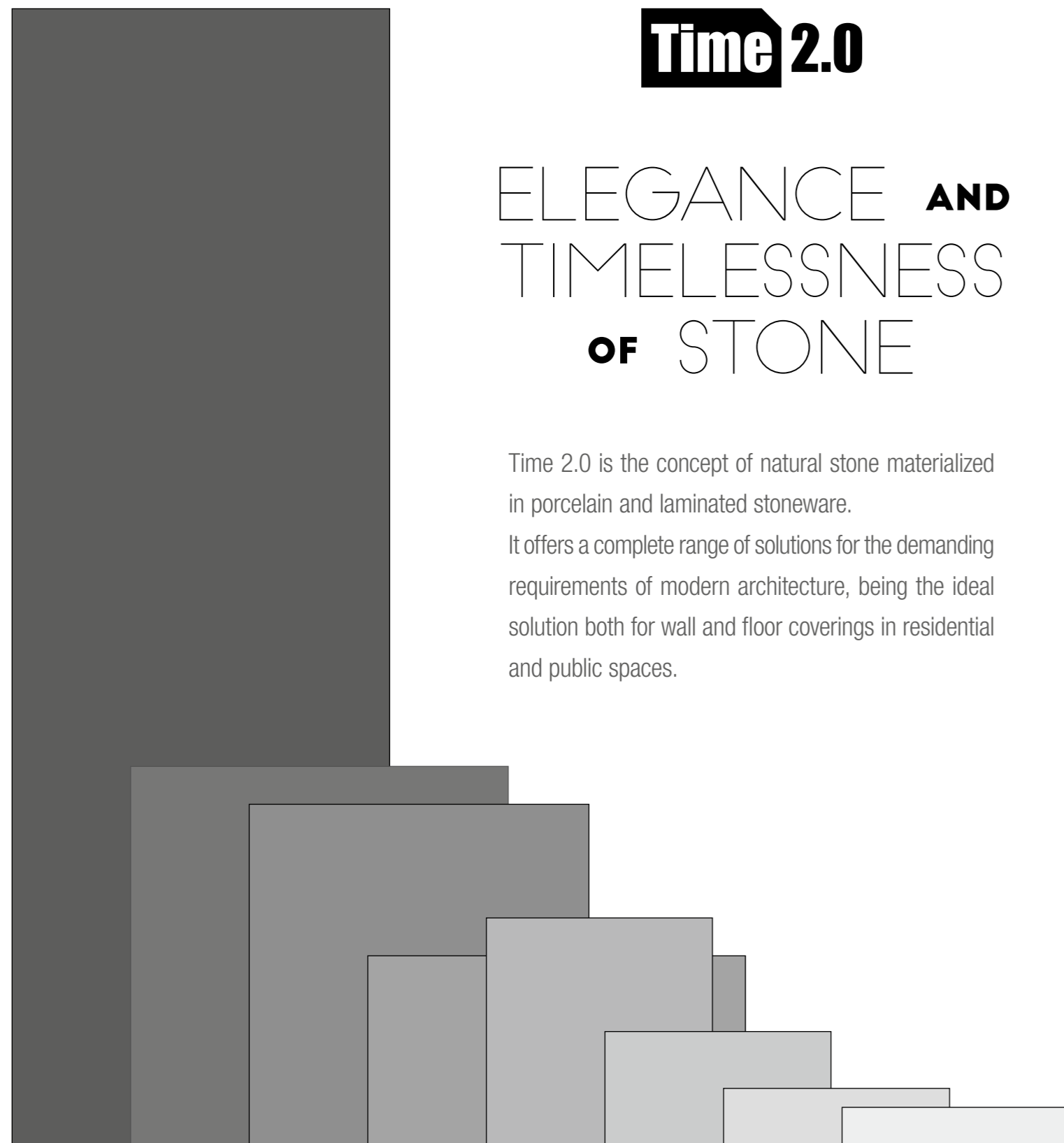
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Time 2.0

ELEGANCE AND TIMELESSNESS OF STONE

Time 2.0 is the concept of natural stone materialized in porcelain and laminated stoneware.

It offers a complete range of solutions for the demanding requirements of modern architecture, being the ideal solution both for wall and floor coverings in residential and public spaces.



100x300	100x100	90x90	50x100	60x60	30x60	15x60	10x60
NR 3,5mm	NR 3,5mm	NR 11mm P 10,5mm	NR 3,5mm	NR 10,5mm P 10mm AS 10,5mm	NR 10,5mm P 10mm AS 10,5mm	NR 10,5mm AS 10,5mm	NR 10,5mm AS 10,5mm

100x300	100x100	90x90	50x100	60x60	30x60	15x60	10x60	colours . couleurs . farben . cores	
NR	NR	NR	NR	NR	NR	NR	NR	NR_R10	P AS_R11
-	-	P	-	P	P	-	-	snow	
-	-	-	-	AS	AS	AS	AS	white	
NR	NR	NR	NR	NR	NR	NR	NR	cream	
-	-	P	-	P	P	-	-	beige	
-	-	-	-	AS	AS	AS	AS	dove	
NR	NR	NR	NR	NR	NR	NR	NR	silver	
-	-	P	-	P	P	-	-	grey	
-	-	-	-	P	P	-	-	carbon	
NR	NR	NR	NR	NR	NR	NR	NR	black	
-	-	P	-	P	P	-	-		
-	-	-	-	AS	AS	AS	AS		
NR	NR	NR	NR	NR	NR	NR	NR		
-	-	P	-	P	P	-	-		
-	-	-	-	AS	AS	AS	AS		

Technical data

Données Techniques . Technischen Eigenschaften . Características Técnicas

Technical Data Données Techniques Technischen Eigenschaften Características Técnicas		Directives Normes Normas	EN 14411 Directives values Valeur norme Richtlinie werten Valores norma	MARGRES Standard Average Value Valeur Moyenne Typischer Durchschnittswert Valor Típico Médio	LINEA Standard Average Value Valeur Moyenne Typischer Durchschnittswert Valor Típico Médio
	Thickness Épaisseur Stärke Espessura	ISO 10545 - 2	±5% (max.) (max.) (max.)	±2% 90x90 NR 11mm 90x90 P 10,5mm 30x60 - 60x60 NR AS 10,5mm 10x60 - 15x60 NR AS 10,5mm 30x60 - 60x60 P 10mm	±2% 100x300 NR 3,5mm 100x100 NR 3,5mm 50x100 NR 3,5mm
	Modulus of rupture Module de rupture Biegung Modul Módulo de ruptura	ISO 10545 - 4	≥ 35N/mm ² (min.) (min.) (min.)	50N/mm ²	50N/mm ²
	Breaking strength (S) Résistance à la flexion (S) Biegefestigkeit (S) Resistência à flexão (S)	ISO 10545 - 4	≥ 1300 N	90x90 NR - 11mm 90x90 P - 10,5mm 30x60 - 60x60 NR AS - 10,5mm 10x60 - 15x60 NR AS - 10,5mm 30x60 - 60x60 P - 10mm	3900N 3500N 3500N 3200N
	Water absorption Absorption d'eau Wasseraufnahme Absorção de água	ISO 10545 - 3	≤ 0,5% (max.) (max.) (max.)	± 0,03%	0,1%*
	Linear thermal expansion coefficient Coefficient de dilatation thermique linéaire Linearer thermischer Ausdehnungskoeffizient Coeficiente de dilatação térmica linear	ISO 10545 - 8	Manufacturer's standard Valeurs du fabricant Hersteller Werte Valores do fabricante	6,5*10 ⁻⁶ /°C (max.) (max.) (máx.)	αt ≤ 7*10 ⁻⁶ °C ⁻¹
	Chemical resistance ** Résistance chimique ** Chemische Beständigkeit ** Resistência química **	Cahier CSTB 3735	Manufacturer's standard Valeurs du fabricant Hersteller Werte Valores do fabricante	UGL 3 No alteration Aucune modification Unverändert Sem alteração	LA HA
	Frost resistance Résistance au gel Frostbeständigkeit Resistência ao gelo	ISO 10545 - 12	Required Nécessaire Anforderung Exigida	Yes Oui Ja Sim	Yes Oui Ja Sim
	Deep abrasion resistance Résistance à l'abrasion profonde Widerstand gegen Tiefenverschleiß Resistência à abrasão profunda	ISO 10545 - 6	≤ 175mm ³ (max.) (max.) (máx.)	123 mm ³	Compliant Conforme Konform Conforme
	Stain resistance Résistance aux taches Beständigkeit gegen Fleckenbildner Resistência a manchas	ISO 10545 - 14	Manufacturer's standard Valeurs du fabricant Hersteller Werte Valores do fabricante	UGL Class 4 - 5 Simple removal Enlèvement simple Einfache Entfernung Remoção simples	Class 5 Simple removal Enlèvement simple Einfache Entfernung Remoção simples
	Thermal shock resistance Résistance au choc thermique Temperaturwechselbeständigkeit Resistência ao choque térmico	ISO 10545 - 9	Manufacturer's standard Valeurs du fabricant Hersteller Werte Valores do fabricante	Yes Oui Ja Sim	Yes Oui Ja Sim
	Slipping resistance Résistance au glissement Trittsicherheit/schlesigkeit Resistência ao escorregamento	DIN51130 DIN51097 BS7976 ANSI A326.3	Manufacturer's standard Valeurs du fabricant Hersteller Werte Valores do fabricante	Anti Slip Nat. Rectified R11 R10 Class C Class B Anti Slip Nat. Rectified ≥ 36 ≥ 36	Nat. Rectified R9 - - DCOF ≥ 0.42
	Shade variation Dénouçage Farbspiel Destonalização	ANSI A137.1	V0 None - Nil - Gleich Null - Nulo V1 Minor - Léger - Leicht - Ligero V2 Low - Faible - Gering - Baixo V3 Medium - Moyen - Mittelmäßig - Médio V4 Major - Élevé - Stark - Alto	V1 Uniform appearance Aspect uniforme Gleichmäßiges Aussehen Aspecto uniforme	V1 Uniform appearance Aspect uniforme Gleichmäßiges Aussehen Aspecto uniforme
	Fire reaction Réaction au feu Brandverhalten Reação ao fogo	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/E, UNI EN 13501-1	-	Classe A2-s1,d0 (walls, mur, Wand, revestimento) Classe A2-s1,d0 (floor, sol, Boden, pavimento)
	Thermal conductivity Conductivité thermique Wärmeleitfähigkeit Condutividade	EN 12524	-	-	λ = 1,3 W/m °K λ = 0,7 BTU/ft °F
	Elastic modulus (Young's Modulus) Module d'élasticité (module de Young) E-Modul (Young-Modul) Módulo de elasticidade (módulo de Young)	-	-	-	55 - 60 GPa
	Density Densité Densidade	-	-	-	2300-2500 kg/m ³
	Sound absorption coefficient α _a Coefficient d'absorption acoustique α _a Schallschluckfaktor α _a Coeficiente de absorção acústico α _a	UNI EN ISO 11654	-	-	0,01 - 0,02

* Average value referred to ceramic material only . Valeur moyenne se référant au matériau céramique . Durchschnittswert bezogen auf das Keramikmaterial . Valor médio refere-se apenas ao material cerâmico.
** Excluding hydrofluoric acid and its derivatives . Exception faite de l'acide fluorhydrique et de ses dérivés . Ausgenommen den Fluorwasserstoff und seine Derivate . Excluindo o ácido hidrófluorídrico e seus derivados.