

Model: MANHATTAN COGNAC 19,3X180(A)

Codes: 100190050

Water absorption: Bla - Porcelánico (E<=0.1%)



MATE / MATT



RECTIFICADO  
TONE VARIATIONS



RECTIFICADO  
RECTIFIED



## DIMENSIONAL FEATURES

UNE-EN ISO 10545-2

Length	1800 MM	
Length and width deviation	Below 0.15%	+/-0.3%*
Side straightness deviation	Below 0.15%	+/-0.3%*
Squareness deviation	Below 0.15%	+/-0.3%*
Surface flatness deviation	Below 0.15%	+/-0.4%*
Thickness	11.5 MM	+/-5%*
Width	193 MM	

\*ISO-13006:2018 UNE-EN 14411:2016

## MECHANICAL FEATURES

UNE-EN ISO 10545-4-6-7-11

Abrasion resistance	PEI 3 / 600v	
Breaking strength	4081.7 N	>1300N*
Crazing resistance	Resists 3 cycles	
Modulus of rupture	58 N/MM2	>=35N/mm2*

\*ISO-13006:2018 UNE-EN 14411:2016

## HYGIENIC FEATURES

UNE-EN ISO 10545-13-14:1995

Chemical resistance	Class "A" for swimming pools and cleaning products (resists attack). Minimum Class "B" for acids and bases	B Min.*
Stain resistance	Class 5. Easy cleaning with water	3 Min.*

\*ISO-13006:2018 UNE-EN 14411:2016

## SCOPE OF USE

Technical code-1	Use on medium traffic floors	
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## ANTI-SLIP VALUE

UNE 41901:2017 EX, UNE 41902:2017 EX, DIN-51130 y ASTM C1028

4s	WET-41 / DRY-60	
Dynamic coefficient of friction	>0,42	
Slip resistance (bare feet)	B	
Slip resistance (pendulum-wet)	CL1	
Slip resistance (ramp)	R-10	

\*ISO-13006:2018 UNE-EN 14411:2016

System Certification



**PACKING**

Boxes	1.0422 M2/BOX	
Pallets	56.2793 M2/PAL	
Units	0.3474 M2/PIECE	

## System Certification



Do not use cleaning agents containing hydrofluoric acid.  
It is recommended to fix tiles with a minimum joint of 1,5 mm. Do not fix without joint.  
For big sizes, it is recommended to fix with mortars containing polymeric additives and to use the double glueing technique.  
Mosaic tiles must be grouted.

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