

# Certificate of Technical Specifications

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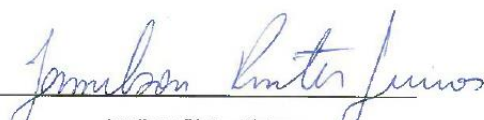
PRODUCT: CELEIRO NORTE  
 FORMAT: 202x865x9 mm CONTAINS: 8 Pieces 1,40 m<sup>2</sup> 15,07 SQFT GROUP: Bla

Technical Characteristics	ISO	Req.	Unit	Specification
DIM. VAR. IN REL. W. OF THE GREATER SIDE	10545-2	±1.0	mm	±0.50
DIM. VAR. IN REL. W. OF THE MINOR SIDE	10545-2	±0.60	mm	±0.50
THICKNESS VARIATION	10545-2	±5.0	%	±5.0
STRAIGHTNESS OF THE GREATER SIDE	10545-2	±0.80	mm	±0.80
STRAIGHTNESS OF THE MINOR SIDE	10545-2	±0.60	mm	±0.60
DEVIATION FROM ORTHOGONALITY OF THE GREATER SIDE	10545-2	±1.50	mm	±1.50
DEVIATION FROM ORTHOGONALITY OF THE MINOR SIDE	10545-2	±0.60	mm	±0.60
CENTRAL DIAGONAL CURVATURE DEVIATION	10545-2	±1.80	mm	±1.80
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	±1.80	mm	±1.80
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	±0.60	mm	±0.60
BENDING OVER DIAGONAL	10545-2	±1.8	mm	±1.8
QUALITY OF SURFACE	10545-2	≥95	%	≥95
WATER ABSORPTION	10545-3	≤0.50	%	≤0.50
RESISTANCE TO BENDING	10545-4	≥35	N/mm <sup>2</sup>	≥35
BREAKING STRENGTH	10545-4	≥1300	N	≥1300
CLASS OF USAGE	-	-	USE:	5
THERMAL SHOCK RESISTANCE	10545-9	-	-	-
LINEAR EXPANSION COEFFICIENT X 10-6	10545-8	-	C-1	-
MOISTURE EXPANSION	10545-10	-	mm/m	≤0.30
GRAZING RESISTANCE	10545-11	Required	-	OK
RESISTANCE TO CHEMICALS	10545-13	Minimum Class GB	-	GA
RESISTANCE ATTACKS ACID/ALKALINE	10545-13	Specify	-	GLB
SURFACE RESISTANCE TO STAINS	10545-14	Minimum Class 3	-	5
COEFFICIENT OF FRICTION WET	NBR 16919	Specify	-	≥0.5
CHANGES IN HUE				V3

Note: Product in accordance with ABNT NBR 13006 standard

Reaction to fire evaluation (NBR15575): Class I (non-combustible)

USE 5 - All residential and commercial areas with moderate traffic.

  
 Jamilson Pinter Júnior  
 Responsável Técnico RC1 e RC2

  
 Galdino da Luz  
 Responsável Técnico RC3 e RC4