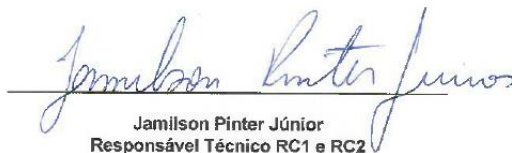


Certificate of Technical Specifications

PRODUCT: JOANNE CURVA NOIR MAT DEC
 FORMAT: 333,0X1000,0X12,5 MM CONTAINS: 3 Pieces 1,00 m2 10,76 SQFT GROUP: BIII

Technical Characteristics	ISO	Req.	Unit	Specification
DIM. VAR. IN REL. W. OF THE GREATER SIDE	10545-2	±1.0	mm	±1.0
DIM. VAR. IN REL. W. OF THE MINOR SIDE	10545-2	±1.0	mm	±1.0
THICKNESS VARIATION	10545-2	±0.50	mm	±0.50
STRAIGHTNESS OF THE GREATER SIDE	10545-2	±0.80	mm	±0.80
STRAIGHTNESS OF THE MINOR SIDE	10545-2	±0.80	mm	±0.80
DEVIATION FROM ORTHOGONALITY OF THE GREATER SIDE	10545-2	±1.50	mm	±1.50
DEVIATION FROM ORTHOGONALITY OF THE MINOR SIDE	10545-2	±1.0	mm	±1.0
CENTRAL DIAGONAL CURVATURE DEVIATION	10545-2	-	-	-
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	-	-	-
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	-	-	-
BENDING OVER DIAGONAL	10545-2	-	-	-
QUALITY OF SURFACE	10545-2	≥95	%	≥95
WATER ABSORPTION	10545-3	> 10	%	> 10
RESISTANCE TO BENDING	10545-4	≥12	N/mm2	≥12
BREAKING STRENGTH	10545-4	≥600	N	≥600
CLASS OF USAGE	10545-7	Specify	Use	1
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	-	-	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	-	Min. Class 3
COEFFICIENT OF FRICTION WET	NBR16919	Specify	-	-
CHANGES IN HUE				V2

Note: Product in accordance with ABNT NBR 13006 standard
 Reaction to fire evaluation (NBR15575): Class I (non-combustible)
 USE 1 – Use on internal walls.


 Jamilson Pinter Júnior
 Responsável Técnico RC1 e RC2


 Gialdino da Luz
 Responsável Técnico RC3 e RC4