

# Certificate of Technical Specifications

PRODUCT: AREIAS DEC 2 BL MLX  
 FORMAT: 201.3 X 201.3mm X 7.4 mm CONTAINS: 15 Pieces 0,61 m2 6,57 SQFT GROUP: BIII

Technical Characteristics	ISO	Req.	Unit	Specification
DIM. VAR. IN REL. W. OF THE GREATER SIDE	10545-2	±1.20	mm	±1.20
DIM. VAR. IN REL. W. OF THE MINOR SIDE	10545-2	±1.20	mm	±1.20
THICKNESS VARIATION	10545-2	±0.50	mm	±0.50
STRAIGHTNESS OF THE GREATER SIDE	10545-2	±1.0	mm	±1.0
STRAIGHTNESS OF THE MINOR SIDE	10545-2	±1.0	mm	±1.0
DEVIATION FROM ORTHOGONALITY OF THE GREATER SIDE	10545-2	±1.0	mm	±1.0
DEVIATION FROM ORTHOGONALITY OF THE MINOR SIDE	10545-2	±1.0	mm	±1.0
CENTRAL DIAGONAL CURVATURE DEVIATION	10545-2	±1.42	mm	±1.42
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	±1.0	mm	±1.0
DEVIATION OF THE CURVATURE OF THE SIDES	10545-2	±1.0	mm	±1.0
BENDING OVER DIAGONAL	10545-2	±1.42	mm	±1.42
QUALITY OF SURFACE	10545-2	≥95	%	≥95
WATER ABSORPTION	10545-3	> 10	%	> 10
RESISTANCE TO BENDING	10545-4	≥15	N/mm2	≥15
BREAKING STRENGTH	10545-4	≥600	N	≥600
CLASS OF USAGE		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

  
 Giladino da Luz  
 Responsável Técnico RC3 e RC4