

# Certificate of Technical Specifications

PRODUCT: REALCE SGR MLX  
 FORMAT: 291.0 X 584.0mm X 9 mm CONTAINS: 8 Pieces 2,04 m2 21,96 SQFT GROUP: BIII

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	±0.87	mm	±0.50
THICKNESS VARIATION	10545-2	±0.45	mm	±0.45
STRAIGHTNESS OF THE GREATER SIDE	10545-2	±0.80	mm	±0.50
STRAIGHTNESS OF THE MINOR SIDE	10545-2	±0.80	mm	±0.30
DEVIATION FROM ORTHOGONALITY OF THE GREATER SIDE	10545-2	±1.50	mm	± 0.80
DEVIATION FROM ORTHOGONALITY OF THE MINOR SIDE	10545-2	±0.87	mm	±0.60
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	≥15
BREAKING STRENGTH	10545-4	≥600	N	≥600
CLASS OF USAGE	10545-7	Specify	USE	1
THERMAL SHOCK RESISTANCE	10545-9	-	-	OK
LINEAR EXPANSION COEFFICIENT X 10-6	10545-8	-	C-1	5.8 a 7.0
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	-	4
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.



Rodrigo Pereira Guedin  
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