

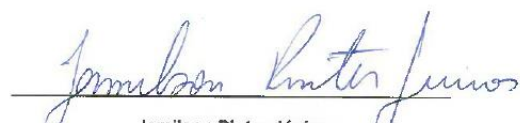
Certificate of Technical Specifications

ceusa

PRODUCT: NUANCE PIRAMIDE ACETINADO
 FORMAT: 432x910x10,8 mm CONTAINS: 5 Pieces 1,96 m² 21,09 SQFT GROUP: BILL

| 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 | ±1,0 | mm | ±0.50 |
| 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 | ±1,35 | mm | ±1.35 |
| 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 | ±1,35 | mm | ±1.35 |
| BENDING OVER DIAGONAL | 10545-2 | ±1,8 | mm | ±1.8 |
| QUALITY OF SURFACE | 10545-2 | ≥95 | % | ≥95 |
| WATER ABSORPTION | 10545-3 | ≥10 | % | ≥10 |
| RESISTANCE TO BENDING | 10545-4 | ≥15 | N/mm ² | ≥15 |
| BREAKING STRENGTH | 10545-4 | ≥600 | N | ≥600 |
| CLASS OF USAGE | 10545-7 | - | 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 | 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 | - | - |
| CHANGES IN HUE | | | | V1 |

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


 Galdino da Luz
 Responsável Técnico RC3 e RC4