

## TECHNICAL SPECIFICATIONS

INSTITUTO DE TECNOLOGÍA CERÁMICA  
LABORATORIO DE PRODUCTO ACABADO

**MODEL: 10x30 AKOYA COLLECTION**

Tile Technical Classification according to ISO : BIII  
Red body tile produced by FABRESA under ISO13006  
Production Process : Double Firing – Thickness: 8,0 mm

Requirements : GRUP BIII ISO 13006 ANEX L / UNE-EN 14111 ANEX L

### UNE-EN ISO 10545-2 . DIMENSIONS AND SURFACE QUALITY

### RESULTS

	Lenght	Width
Maximum deviation from work size (%)	0,00 / 0,07	0,10 / 0,30
Maximum deviation from straghtness of sides(%)	-0,07 / 0,13	0,00 / 0,10
Maximum deviation from rectangularity (%)	-0,27 / 0,30	-0,30/ 0,20
Maximum deviation from edge curvature (%)	0,17 / 0,30	-0,30/0,00
Maximum deviation from centre curvature (%)		0,03 / 0,19
Maximum deviation from warpage (%)		-0,06 / 0,06
Maximum deviation from work size thickness (mm)		1,33 / 5,33
Surface quality. Percentage of tiles without defects		100 %

### UNE-EN ISO 10545-3 . WATER ABSORPTION.

Maximum value :	14,4 %	Average value :	13,7 %
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### UNE-EN ISO 10545-4 . MODULUS OF RUPTURE.

Minimum value :	15 N/mm <sup>2</sup>	Average value :	17 N/mm <sup>2</sup>
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### UNE-EN ISO 10545-9 . RESISTANCE TO THERMAL SHOCK

	Complies	Resistant
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### UNE-EN ISO 10545-11 . CRAZING RESISTANCE.

	Complies	Resistant
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### UNE-EN ISO 10545-13 CHEMICAL RESISTANCE.

Household chemicals and swimmkng pool salts	GA
Low concentration of acids an alkalis	GLA

### UNE-EN ISO 10545-14 STAIN RESISTANCE.

	Complies	5
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