

# TECHNICAL DATA

## BASIC CHARACTERISTICS

<b>NAME:</b>	Qstone Graphite 30x60	<b>DATE:</b>	31/08/2021 17:52
<b>COLOR:</b>	Graphite	<b>CODE:</b>	207133
<b>NOMINAL MEASUREMENTS (cm)</b>	30x60 RC	<b>GROUP (E %):</b>	Group Bla. Annex G
<b>THICKNESS (mm):</b>	10	<b>WORK SIZE (mm):</b>	298x600
<b>RECTIFIED:</b>			
<b>WATER ABSORPTION:</b>	UNE-EN ISO 10545-3		E<0.5%

## DIMENSIONAL STABILITY AND SURFACE ASPECT UNE-EN ISO 10545-2 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	RESULT
<b>DEVIATIONS LENGTH AND WIDTH:</b>	UNE-EN ISO 10545-2	Pass
<b>STRAIGHTNESS:</b>	UNE-EN ISO 10545-2	Pass
<b>RECTANGULARITY:</b>	UNE-EN ISO 10545-2	Pass
<b>SURFACE FLATNESS:</b>	UNE-EN ISO 10545-2	Pass
<b>DEVIATION THICKNESS</b>	UNE-EN ISO 10545-2	Pass

## MECHANICAL CHARACTERISTICS UNE-EN ISO 10545-4-7-11-12 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	RESULT
<b>RESISTANCE TO CRACKING:</b>	UNE-EN ISO 10545-11	Complies
<b>RESISTANCE TO THERMAL SHOCK:</b>	UNE-EN ISO 10545-9	
<b>MODULUS OF RUPTURE:</b>	UNE-EN ISO 10545-4	Mín. 35
<b>BREAKING STRENGTH:</b>	UNE-EN ISO 10545-4	Mín. 1300
<b>IMPACT RESISTANCE (Coef. Restitution):</b>	UNE-EN ISO 10545-5	
<b>FROST RESISTANCE:</b>	UNE-EN ISO 10545-12	Complies
	NORMATIVE	CLASS
<b>DEEP ABRASION RESISTANCE:</b>	UNE-EN ISO 10545-6	
<b>ABRASION RESISTANCE (PEI method):</b>	UNE-EN ISO 10545-7	2
<b>COEF. OF LINEAL THERMAL EXPANSION:</b>	UNE-EN ISO 10545-8	

## CHEMICAL AGENTS RESISTANCE (acids, bases and home cleaning products) UNE-EN ISO 10545-13-14:1995 (ISO-13006:2018 UNE-EN 14411:2016)

	NORMATIVE	CLASS
<b>RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND BASES: AC. CHLORHYDRIIC - CITRIC AC. CITRIC - POTASSIUM HYDROXIDE:</b>	UNE-EN ISO 10545-13	MIN LB
<b>RESISTANCE TO HIGH CONCENTRATIONS OF ACIDS AND BASES: AC. CHLORHYDRIUM - AC. LACTIC - AC. POTASSIUM HYDROXIDE:</b>	UNE-EN ISO 10545-13	MIN HB
<b>AMONIUM CHLORIDE:</b>	UNE-EN ISO 10545-13	MIN B
<b>SODIUM HYPOCHLORITE:</b>	UNE-EN ISO 10545-13	MIN B
<b>GREEN/RED AGENT IN LIGHT OIL:</b>	UNE-EN ISO 10545-14	Complies
<b>IODINE SOLUTION:</b>	UNE-EN ISO 10545-14	Complies
<b>OLIVE OIL:</b>	UNE-EN ISO 10545-14	Complies

## SLIPNESS COEFFICIENT UNE-EN ISO 12633:2003, DIN-51097, DIN-51130, ASTM C-1028/96

	RESULT
<b>DIN-51097:1992 (Bare foot wet ground)</b>	
<b>DIN-51130 (Ramp)</b>	
<b>ASTM C1028 96 (Dynamic coefficient of friction)</b>	
<b>UNE-41901:2017 EX (Wet pendulum)</b>	C1
<b>PTV BS 7976-2 and BS 13036-4 (Pendulum test value British Standard)</b>	
<b>DCOF ANSI A137.1-2012 (Dynamic Coefficient of Friction )</b>	

## RESISTANT TO FIRE UNE-EN 13501-1

<b>RESULT</b>	<b>A1</b>
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**SIGNED BY:** Enrique Rodríguez  
Quality Manager