



**CONTROL LABORATORY**

**Date**

**TECHNICAL CHARACTERISTICS**

11-September-2.020

<b>MODEL:</b> <b>ARCHIE</b>	<b>FORMAT</b> <b>45 x 45</b>
	<b>CLAY TYPE:</b> <b>Red PORCELAIN</b>

<b>WATER ABSORPTION</b> (UNE-EN ISO 10545-3) E ≤ 0,5	
<b>PRESENTING POROSITY GRAZE</b> (Visual examination and/or under the microscope) <input type="checkbox"/> High Porosity <input type="checkbox"/> Low Porosity <input checked="" type="checkbox"/> No Porosity	
<b>PLANARITY</b> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Concave <input type="checkbox"/> Convex	
<b>BEHAVIOR OF THE PART TO CUT</b> <input checked="" type="checkbox"/> Ok <input type="checkbox"/> Bad	
<b>DETERMINATION OF THE RESISTANCE TO THE SLIDE</b> with Equipment of Test of Pendulum of Friction (UNE-ENV 12633) R <sub>d</sub> <input type="text" value="39"/> Class <input type="text" value="2"/>	
<b>FROST RESISTANCE</b> (EN ISO 10545-12)	<b>Resists</b>
<b>SCRATCH HARDNESS ACCORDING TO MOHS</b> (EN-101)	<b>8</b>
<b>ABRASION RESISTANCE</b> (Method PEI) (UNE-EN ISO 10545-7) PEI <input type="text" value="III"/>	

<b>CHEMICAL RESISTANCE</b> (Ácidos, Bases y Productos domésticos de limpieza)			
Ammonium chloride solution (UNE-EN ISO 10545-13)	Class <b>GA</b>	Sodium hypochlorite solution (UNE-EN ISO 10545-13)	Class <b>GA</b>
3% Solution of hydrochloric acid (UNE-EN ISO 10545-13)	Class <b>GLA</b>	18% Solution of hydrochloric acid (UNE-EN ISO 10545-13)	Class <b>Test method available</b>
Weak solution of potassium hydroxide (UNE-EN ISO 10545-13)	Class <b>GLA</b>	Concentrated potassium hydroxide solution (UNE-EN ISO 10545-13)	Class <b>Test method available</b>
Citric acid solution (UNE-EN ISO 10545-13)	Class <b>GLA</b>	Lactic acid solution (UNE-EN ISO 10545-13)	Class <b>Test method available</b>

<b>RESISTENCE TO STAINS</b>	
Agent green-red spots on light oil (UNE-EN ISO 10545-14)	Class <b>4</b>
Iodine solution (UNE-EN ISO 10545-14)	Class <b>4</b>
Olive oil (UNE-EN ISO 10545-14)	Class <b>4</b>

V.º B.º: QUALITY DEPARTMENT