

## FS STAR BLACK LT

Model:	<b>FS STAR BLACK LT</b>	
Reference:	<b>32447</b>	<b>BLACK</b>
Size:	<b>45X45</b>	cm
Thickness:	<b>10,50</b>	mm
Finish:	<b>Layer Tech</b>	
Body Type:	<b>FLOOR TILE - GROUP BIla</b>	
	<b>GL - GLAZED Ceramic Tile</b>	

### Water absorption

EN ISO-10545-3	Water absorption	<b>3% &lt; E &lt; 6%</b>
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### Dimensional characteristics

EN ISO-10545-2	Surface quality	<b>&gt; 95%</b>
EN ISO-10545-2	Curvature flatness	<b>± 0,5 % / ± 2,0 mm</b>
EN ISO-10545-2	Thickness	<b>± 5% / ± 0,5 mm</b>
EN ISO-10545-2	Length and Width	<b>± 0,6 % / ± 2,0 mm</b>
EN ISO-10545-2	Rectangularity	<b>± 0,5% / ± 2,0 mm</b>
EN ISO-10545-2	Straightness of sides	<b>± 0,5 % / ± 1,5 mm</b>

### Mechanical characteristics

EN ISO 10545-11	Crazing resistance	<b>Pass</b>
EN ISO 10545-9	Thermal shock resistance	<b>Pass</b>
EN ISO-10545-4	Breaking strength	<b>&gt; 1000 N</b>
EN ISO-10545-4	Modulus of rupture	<b>&gt; 22 N/mm2</b>

### Surface characteristics

EN ISO 10545-7	Surface abrasion resistance	<b>3</b>
EN ISO 10545-7	Visible failure at No of revolutions	<b>750 rev</b>
EN-101	Surface scratch resistance	<b>6</b>

### Chemical characteristics

EN ISO-10545-13	High concentrations of acids and alkalis	<b>HA/HA/HA</b>
EN ISO-10545-13	Low concentrations of acids and alkalis	<b>LA/LA/LA</b>
EN ISO-10545-13	Household chemicals and swimming pool salts	<b>A/A</b>
EN ISO-10545-14	Stain resistance	<b>5/-/5/5</b>

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### Non-slip characteristics

ANSI A137	Dynamic coefficient of friction (DCOF)	<b>&gt;0,42</b>
BS-7976-2	Slip resistance test (PTV) - wet conditions	<b>+36</b>
DIN-51130	Critical angle (footwear)	<b>R-10</b>
UNE-41901:2017 EX	Slip resistance (pendulum test)	<b>2</b>

### CE MARKING



CE Declaration of Performance: **003CPR2017-08-01**