



H&E SMITH

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**TECHNICAL SPECIFICATIONS
 POLISHED PORCELAIN FLOOR TILES**

TYPE	SIZE [mm]	THICKNESS	PIECES/BOX
IUX	600 x 600	10	4

**INTERNATIONAL TECHNICAL SPECIFICATION REQUIREMENTS
 COMPARISON DATA**

Specifications	ISO	EN	JC	UK	FACTORY
Water Absorption	<0.5	<0.5	<0.5	<0.5	<0.2
Flexural Resistance	>1300	-	-	>1300	>1500
Modulus of Rupture	>35	>27	>30	>35	>35
Length	+/-0.6	+/-0.6	+/-0.6	+/-0.6	+/-0.1
Width	+/-0.6	+/-0.6	+/-0.6	+/-0.6	+/-0.1
Thickness	+/-0.5	+/-0.5	+/-0.5	+/-0.5	+/-0.4
Surface Flatness	+/-0.5	+/-0.5	+/-0.5	+/-0.3	+/-0.2
Squareness	+/-0.6	+/-0.6	+/-0.6	+/-0.3	+/-0.2
Edge Curvature	+/-0.5	+/-0.5	-	+/-0.3	+/-0.2
Centre Curvature	+/-0.5	+/-0.5	+/-0.5	+/-0.3	+/-0.2
Warpage	+/-0.5	+/-0.5	+/-0.5	+/-0.3	+/-0.2
Thermal Shock Resistance	10 No damage	10 No damage	10 No damage	10 No damage	10 No damage
Surface hardness MOHS	>6	>6	>6	>6	>6
Resist. to deep abrasion	<175	<205	<205	<175	<160
Brilliance	>55	-	>55	>55	>60
Chemical Resistance	>UB	>B	-	>UB	>UA
Frost Resistance	100 No damage	50 No damage	20 No damage	100 No damage	100 No damage

Cleaning & Maintenance

TYPE OF STAIN	RECOMMENDED CLEANING AGENTS
INK-COFFEE-FRUIT JUICE	Diluted solution of sodium hypochlorate
OIL-BEER-WINE-ICE CREAM	Alkaline detergents
CALCAREOUS DEPOSITS	Acid detergents
RUST	Solution of hydrochloric & phosphoric acids
FELT TIP PEN	Organic solvents [acetone]