

Range Name:
Shelbourne | Taupe

Ref: SHELBOURNE TAUPE MAT 59,8X59,8 G1
The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities. Group: Bla

	Testing To Standard	Average Typical Values	Result
Fire Resistance Properties			
Reaction to fire	EN14411:2012	Class A1-A1 _{FL}	Complies
Release of dangerous substances			
Lead [mg/dm2]	EN14411:2012	Declared Value	≤ 0.8
Cadmium [mg/dm2]	EN14411:2012	Declared Value	≤ 0.07
Other	EN14411:2012	Declared Value	No Performance Determined
Bond strength / adhesion			
Cementitious Adhesives	EN14411:2012	Declared Value	≥ 0.5
Dispersion Adhesives	EN14411:2012	Declared Value	≥ 1
Reaction Resin Adhesives	EN14411:2012	Declared Value	≥ 2
Mortar	EN14411:2012	Declared Value	No Performance Determined
Physical Properties			
Thermal Shock Resistance	EN14411:2012	Declared Value	Pass
Breaking strength	EN14411:2012	Declared Value	Minimum 1300
Slipperiness	EN14411:2012	Declared Value	10 ≤ α _{shod} < 19
Thickness (mm)	EN14411:2012	± 5 %; ± 0.5 mm	8
Permissible Deviation Width	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Length	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Thickness	EN14411:2012	± 5 %; ± 0.5 mm	Declared Value
Permissible Deviation Straightness	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Warpage	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Water Absorption Eb [%]	EN14411:2012	Declared Value	≤ 0.5
Breaking strength [N]	EN14411:2012	N/A	Minimum 1300
Flexural Tensile Strength [N/mm2]	EN14411:2012	minimum 35	-
Resistance to Deep Abrasion		Declared Value	Class 4/6000
Resistance to Surface Abrasion	EN14411:2012	Declared Value	Minimum 1300
Thermal conductivity coefficient [W/m*K]	PN-EN 12664	Declared Value	No Performance Determined
Safety Class of Glass Products	PN-EN 12600	-	N/A
Class UPEC	CSTB-Cahier 3778	Declared Value	N/A
Stain Resistance Properties			
Resistance to staining	EN14411:2012	Declared Value	5 Class
Chemical Resistance			
Acids and Alkalis of Low Concentration	EN14411:2012	Declared Value	Pass
Acids and Alkalis of High Concentration	EN14411:2012	LA class	Complies
Household Chemicals and Swimming Pool Salts	EN14411:2012	-	N/A
Natural Radioactivity [Bq/kg]	EN14411:2012	A Class	-
	EN14411:2012	Declared Value	f1 ≤ 1, f2 ≤ 240
Slip Resistance Properties			
Slipperiness (Bare Feet)	EN 16165:2023-02	Declared Value	No Performance Determined
Slip resistance - R	EN 16165:2023-02	Declared Value	R10
Slipperiness (PTV) - risk of dry/wet slippage	BS 7976-2:2002+A1:2013 /KSRG	LOW (≥36) / LOW (≥36)	No Performance Determined
Displacement area class / displacement surface	DIN 51130	-	N/A
Emissions of volatile organic compounds (VOCs)		ISO 16000	A+
Durability			
Internal	EN14411:2012	Min. Class 3	Pass
External - Freeze-Thaw Resistance	EN14411:2012	Declared Value	Pass

Range Name:
Shelbourne | Grey

Ref: SHELBOURNE GREY MAT 59,8X59,8 G1
The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities. Group: Bla

	Testing To Standard	Average Typical Values	Result
Fire Resistance Properties			
Reaction to fire	EN14411:2012	Class A1-A1 _{FL}	Complies
Release of dangerous substances			
Lead [mg/dm2]	EN14411:2012	Declared Value	≤ 0.8
Cadmium [mg/dm2]	EN14411:2012	Declared Value	≤ 0.07
Other	EN14411:2012	Declared Value	No Performance Determined
Bond strength / adhesion			
Cementitious Adhesives	EN14411:2012	Declared Value	≥ 0.5
Dispersion Adhesives	EN14411:2012	Declared Value	≥ 1
Reaction Resin Adhesives	EN14411:2012	Declared Value	≥ 2
Mortar	EN14411:2012	Declared Value	No Performance Determined
Physical Properties			
Thermal Shock Resistance	EN14411:2012	Declared Value	Pass
Breaking strength	EN14411:2012	Declared Value	Minimum 1300
Slipperiness	EN14411:2012	Declared Value	10 ≤ α _{shod} < 19
Thickness (mm)	EN14411:2012	± 5 %; ± 0.5 mm	8
Permissible Deviation Width	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Length	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Thickness	EN14411:2012	± 5 %; ± 0.5 mm	Declared Value
Permissible Deviation Straightness	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Warpage	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Water Absorption Eb [%]	EN14411:2012	Declared Value	≤ 0.5
Breaking strength [N]	EN14411:2012	N/A	Minimum 1300
Flexural Tensile Strength [N/mm2]	EN14411:2012	minimum 35	-
Resistance to Deep Abrasion		Declared Value	Class 4/6000
Resistance to Surface Abrasion	EN14411:2012	Declared Value	Minimum 1300
Thermal conductivity coefficient [W/m*K]	PN-EN 12664	Declared Value	No Performance Determined
Safety Class of Glass Products	PN-EN 12600	-	N/A
Class UPEC	CSTB-Cahier 3778	Declared Value	N/A
Stain Resistance Properties			
Resistance to staining	EN14411:2012	Declared Value	5 Class
Chemical Resistance			
Acids and Alkalis of Low Concentration	EN14411:2012	Declared Value	Pass
Acids and Alkalis of High Concentration	EN14411:2012	LA class	Complies
Household Chemicals and Swimming Pool Salts	EN14411:2012	-	N/A
Natural Radioactivity [Bq/kg]	EN14411:2012	A Class	-
	EN14411:2012	Declared Value	f1 ≤ 1, f2 ≤ 240
Slip Resistance Properties			
Slipperiness (Bare Feet)	EN 16165:2023-02	Declared Value	No Performance Determined
Slip resistance - R	EN 16165:2023-02	Declared Value	R10
Slipperiness (PTV) - risk of dry/wet slippage	BS 7976-2:2002+A1:2013 /KSRG	LOW (≥36) / LOW (≥36)	No Performance Determined
Displacement area class / displacement surface	DIN 51130	-	N/A
Emissions of volatile organic compounds (VOCs)		ISO 16000	A+
Durability			
Internal	EN14411:2012	Min. Class 3	Pass
External - Freeze-Thaw Resistance	EN14411:2012	Declared Value	Pass

Range Name:
Shelbourne | Light Grey

Ref: SHELBOURNE LIGHT GREY MAT 59,8X59,8 G1
The ceramic tiles for internal and /or external floorings and walls, including stairs, in buildings and industrial facilities. Group: Bla

	Testing To Standard	Average Typical Values	Result
Fire Resistance Properties			
Reaction to fire	EN14411:2012	Class A1-A1 _{FL}	Complies
Release of dangerous substances			
Lead [mg/dm2]	EN14411:2012	Declared Value	≤ 0.8
Cadmium [mg/dm2]	EN14411:2012	Declared Value	≤ 0.07
Other	EN14411:2012	Declared Value	No Performance Determined
Bond strength / adhesion			
Cementitious Adhesives	EN14411:2012	Declared Value	≥ 0.5
Dispersion Adhesives	EN14411:2012	Declared Value	≥ 1
Reaction Resin Adhesives	EN14411:2012	Declared Value	≥ 2
Mortar	EN14411:2012	Declared Value	No Performance Determined
Physical Properties			
Thermal Shock Resistance	EN14411:2012	Declared Value	Pass
Breaking strength	EN14411:2012	Declared Value	Minimum 1300
Slipperiness	EN14411:2012	Declared Value	10 ≤ α _{shod} < 19
Thickness (mm)	EN14411:2012	± 5 %; ± 0.5 mm	8
Permissible Deviation Width	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Length	EN14411:2012	± 0.6 %; ± 2.0 mm	-
Permissible Deviation Thickness	EN14411:2012	± 5 %; ± 0.5 mm	Declared Value
Permissible Deviation Straightness	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Rectangularity (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Width)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Centre Curvature (Length)	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Permissible Deviation Flatness Warpage	EN14411:2012	± 0.5 %; ± 1.5 mm	Declared Value
Water Absorption Eb [%]	EN14411:2012	Declared Value	≤ 0.5
Breaking strength [N]	EN14411:2012	N/A	Minimum 1300
Flexural Tensile Strength [N/mm2]	EN14411:2012	minimum 35	-
Resistance to Deep Abrasion		Declared Value	Class 4/6000
Resistance to Surface Abrasion	EN14411:2012	Declared Value	Minimum 1300
Thermal conductivity coefficient [W/m*K]	PN-EN 12664	Declared Value	No Performance Determined
Safety Class of Glass Products	PN-EN 12600	-	N/A
Class UPEC	CSTB-Cahier 3778	Declared Value	N/A
Stain Resistance Properties			
Resistance to staining	EN14411:2012	Declared Value	5 Class
Chemical Resistance			
Acids and Alkalis of Low Concentration	EN14411:2012	LA class	Complies
Acids and Alkalis of High Concentration	EN14411:2012	-	N/A
Household Chemicals and Swimming Pool Salts	EN14411:2012	A Class	-
Natural Radioactivity [Bq/kg]	EN14411:2012	Declared Value	f1 ≤ 1, f2 ≤ 240
Slip Resistance Properties			
Slipperiness (Bare Feet)	EN 16165:2023-02	Declared Value	No Performance Determined
Slip resistance - R	EN 16165:2023-02	Declared Value	R10
Slipperiness (PTV) - risk of dry/wet slippage	BS 7976-2:2002+A1:2013 /KSRG	LOW (≥36) / LOW (≥36)	No Performance Determined
Displacement area class / displacement surface	DIN 51130	-	N/A
Emissions of volatile organic compounds (VOCs)		ISO 16000	A+
Durability			
Internal	EN14411:2012	Min. Class 3	Pass
External - Freeze-Thaw Resistance	EN14411:2012	Declared Value	Pass

