

Range Name:

Station House Planks

Ref: P+E-SHP-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

	Testing To Standard	Average Typical Values	Result
Physical Properties			
Group			Bla
Values According To			UNE-EN 14411
Material			Porcelain
Colours			Beige, Honey, Brown, Dark Brown, Dark Grey
Finish			Natural
Size Formats (mm)			200 x 1200
Thickness (mm)			9.5
Rectified			No
Shade Variation			V4
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Conforms
Water Absorption	UNE-EN-ISO 10545-3	≤ 0.5%	≤ 0.5%
Flexural Strength	UNE-EN-ISO 10545-4	≥ 1300 N	≥ 1300 N
Breaking Strength	UNE-EN-ISO 10545-4	≥ 35 N/mm²	≥ 35 N/mm²
Deep Abrasion Resistance	UNE-EN-ISO 10545-6	≤ 175mm³	120-150
Coefficient of Linear Thermal Expansion	UNE-EN-ISO 10545-8	Requested Value	≤ 9 X10 ⁻⁶ / °C
Thermal Shock Resistance	UNE-EN-ISO 10545-9	Requested Value	Conforms
Frost Resistance	UNE-EN-ISO 10545-12	Requested Value	Conforms
Colour Resistance to Light Exposure	DIN 51094	No Colour Modifications	Conforms
Chemical Resistance Properties			
Resistance to Household Chemicals & Swimming Pool Salts	UNE-EN-ISO 10545-13	UB Minimum	UA
Resistance to Acids & Bases	UNE-EN-ISO 10545-13	Requested Value	ULA - UHA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Requested Value	Class 3
Slip Resistance Properties			
Critical Angle of Slip Inclined Platform	DIN 51130 BGR 181		R9
Critical Angle of Slip Wet-Loaded Barefoot Areas	DIN 51097 GUV-I8527		-
Mean Coefficient of Friction	D.M. N°236 14/6/1989		μ > 0.40
Dynamic Coefficient of Friction (D.C.O.F.)	ANSI 137.1:2012		> 0.42
Skid Resistance Pendulum	ENV 12633 BOE N°74 del 2006		Class 2
Slip Resistance Pendulum Test Value PTV	BSEN 13036-4:2011		PTV > 36

Range Name:

Station House Planks

Ref: P+E-SHP-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

	Testing To Standard	Average Typical Values	Result
Physical Properties			
Group			Bla
Values According To			UNE-EN 14411
Material			Porcelain
Colours			Beige, Honey, Brown, Dark Brown, Dark Grey
Finish			Natural
Size Formats (mm)			200 x 1200
Thickness (mm)			9.5
Rectified			No
Shade Variation			V4
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Conforms
Water Absorption	UNE-EN-ISO 10545-3	≤ 0.5%	≤ 0.5%
Flexural Strength	UNE-EN-ISO 10545-4	≥ 1300 N	≥ 1300 N
Breaking Strength	UNE-EN-ISO 10545-4	≥ 35 N/mm²	≥ 35 N/mm²
Deep Abrasion Resistance	UNE-EN-ISO 10545-6	≤ 175mm³	120-150
Coefficient of Linear Thermal Expansion	UNE-EN-ISO 10545-8	Requested Value	≤ 9 X10 ⁻⁶ / °C
Thermal Shock Resistance	UNE-EN-ISO 10545-9	Requested Value	Conforms
Frost Resistance	UNE-EN-ISO 10545-12	Requested Value	Conforms
Colour Resistance to Light Exposure	DIN 51094	No Colour Modifications	Conforms
Chemical Resistance Properties			
Resistance to Household Chemicals & Swimming Pool Salts	UNE-EN-ISO 10545-13	UB Minimum	UA
Resistance to Acids & Bases	UNE-EN-ISO 10545-13	Requested Value	ULA - UHA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Requested Value	Class 3
Slip Resistance Properties			
Critical Angle of Slip Inclined Platform	DIN 51130 BGR 181		R11
Critical Angle of Slip Wet-Loaded Barefoot Areas	DIN 51097 GUV-I8527		C
Mean Coefficient of Friction	D.M. N°236 14/6/1989		μ > 0.40
Dynamic Coefficient of Friction (D.C.O.F.)	ANSI 137.1:2012		> 0.42
Skid Resistance Pendulum	ENV 12633 BOE N°74 del 2006		Class 3
Slip Resistance Pendulum Test Value PTV	BSEN 13036-4:2011		PTV > 36

Range Name:

Station House Planks

Ref: P+E-SHP-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

	Testing To Standard	Average Typical Values	Result
Physical Properties			
Group			Bla
Values According To			UNE-EN 14411
Material			Porcelain
Colours			Honey, Brown, Dark Brown
Finish			Natural
Size Formats (mm)			400 x 1200
Thickness (mm)			20
Rectified			Yes
Shade Variation			V4
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Conforms
Water Absorption	UNE-EN-ISO 10545-3	≤ 0.5%	≤ 0.5%
Flexural Strength	UNE-EN-ISO 10545-4	≥ 1300 N	≥ 1300 N
Breaking Strength	UNE-EN-ISO 10545-4	≥ 35 N/mm²	≥ 35 N/mm²
Deep Abrasion Resistance	UNE-EN-ISO 10545-6	≤ 175mm³	120-150
Coefficient of Linear Thermal Expansion	UNE-EN-ISO 10545-8	Requested Value	≤ 9 X10 ⁻⁶ / °C
Thermal Shock Resistance	UNE-EN-ISO 10545-9	Requested Value	Conforms
Frost Resistance	UNE-EN-ISO 10545-12	Requested Value	Conforms
Colour Resistance to Light Exposure	DIN 51094	No Colour Modifications	Conforms
Chemical Resistance Properties			
Resistance to Household Chemicals & Swimming Pool Salts	UNE-EN-ISO 10545-13	UB Minimum	UA
Resistance to Acids & Bases	UNE-EN-ISO 10545-13	Requested Value	ULA - UHA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Requested Value	Class 3
Slip Resistance Properties			
Critical Angle of Slip Inclined Platform	DIN 51130 BGR 181		R11
Critical Angle of Slip Wet-Loaded Barefoot Areas	DIN 51097 GUV-I8527		B
Mean Coefficient of Friction	D.M. N°236 14/6/1989		μ > 0.40
Dynamic Coefficient of Friction (D.C.O.F.)	ANSI 137.1:2012		> 0.60
Skid Resistance Pendulum	ENV 12633 BOE N°74 del 2006		Class 3
Slip Resistance Pendulum Test Value PTV	BSEN 13036-4:2011		PTV > 36

P Y R O + E C H O	TECHNICAL	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O
-------------------------	-----------	-------------------------	-------------------------	-------------------------	-------------------------	-------------------------

Range Name:

Station House Planks

Ref: P+E-SHP-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

FIXING

To ensure the products adhere correctly to the surface, it is essential to use specific adhesive and grouting material. This must also be suitable for the environment they will have to withstand. Fitting with traditional mortars does not ensure good adhesion.

Due to the nature of the material there may be dimensional variations between pieces. Therefore , all types of joints must be planned and carried out correctly: structural, perimeter, expansion and installation joints. Fitting tiles without joints is not advisable from any technical point of view as this may lead to various problems. For an optimal result we advise to use 1.5 mm grout.

MAINTENANCE AND CLEANING

Once the materials have been fitted, it is advisable to remove any remaining adhesive and grouting material by using a commercial de-scaling product designed especially, diluted with water . The de-scaling product must not remain in contact with the surface to be cleaned for more than 5 minutes.

As a general guideline, powder detergents should not be used, not wire wool or abrasive materials. Generally a sponge will be sufficient with warm water and liquid neutral soap, then rinse with plenty of clean water.

PACKAGING

	Size (mm)	Thickness	Box Qty	M² / Box	Kg / Box	Boxes / Pallet	M² / Pallet	Kg / Pallet
A + B	200 x 1200	9.5	4	0.96	21.00	40	38.40	820
C	400 x 1200	20	1	0.48	22.99	48	23.04	1103.36

P Y R O + E C H O	Pyro + Echo Teardrop Centre London Road, Swanley BR8 8TS, London	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	P Y R O + E C H O	
-------------------------	---	-------------------------	-------------------------	-------------------------	-------------------------	---

