Phase

Porcelain Minimal



5 Colours / 1 Finish / 2 Sizes

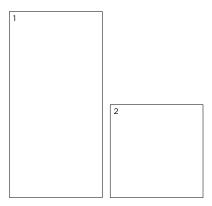
Phase is the perfect solution for exterior floors worthy of an artistic setting. This range consists of unenamelled, rectified, porcelain tiles suitable for a minimal design scheme. Phase is treated with antibacterial properties to avoid the spread of bacteria and eliminate any that might appear.



DAMU 01 DAMU 02 DAMU 03 DAMU 04

DAMU 05

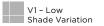
Sizes



	Size (mm)	Thickness	Finish	Colour Availability
1	1200 x 600 (R)	9	Matt	All colours
2	600 x 600 (R)	9	Matt	All colours
	Step Tread 1200 x 90 (R)	9	Matt	All colours
	Step Tread 600 x 90 (R)	9	Matt	All colours

⁽R) Rectified size – square edge with bevel.

Swatch colours may vary from original. Samples should be requested.





Phase

Technical Data

Product Type: Unglazed Porcelain (BS EN 14411 - Group Bla)

Use: Floors & Walls
Product Code: DAMU

DIMENSION & SURFACE QUALITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Length & width	BS EN ISO 10545-2	± 0.60% (max. ± 2.0mm)	Conforms
Thickness	BS EN ISO 10545-2	± 5% (max. ± 0.5mm)	Conforms
Edge straightness	BS EN ISO 10545-2	± 0.50% (max. ± 1.5mm)	Conforms
Orthogonality (squareness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	Conforms
Planarity (flatness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	Conforms
Appearance	BS EN ISO 10545-2	> 95%	Conforms

SLIP RESISTANCE

Technical Characteristics	Industry Standards	Requirement	Finish
Areas with footwear	BS EN ISO 10545-17 (DIN 51130)	R12 from 27° to 35°	Matt
Areas with bare feet	DIN 51097	C over 24°	Matt
Slip resistance Coefficient of friction	BS 7976-2	Test results upon request	

PRODUCT QUALITY & DURABILITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Water absorption	BS EN ISO 10545-3	≤ 0.5%	Conforms
Modulus of rupture (bending strength)	BS EN ISO 10545-4	≥ 35 N/mm²	Conforms
Breaking strength	BS EN ISO 10545-4	≥ 1300 N	Conforms
Resistance to deep abrasion (unglazed tiles)	BS EN ISO 10545-6	≤ 175 mm ³	Conforms
Thermal shock resistance	BS EN ISO 10545-9	No visible defects	Resistant
Frost resistance	BS EN ISO 10545-12	No surface alteration	Resistant
Chemical resistance: Low concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	ULB min.
High concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	UHB min.
Domestic chemicals & additives for swimming pools	BS EN ISO 10545-13	UB min.	Conforms
Stain resistance	BS EN ISO 10545-14	Declared value	Conforms
Reaction to fire	Based on the decision 96/603/EC and its changes		A1 _{FL} /A1
Antibacterial efficacy	JIS Z 2801:2010		≥99
Recycled content			16%









