Rawtech Magnum

Lightweight Slabs / Porcelain Concrete

Floor: DFRL 01 Matt

2 Colours / **1** Finish / **3** Sizes

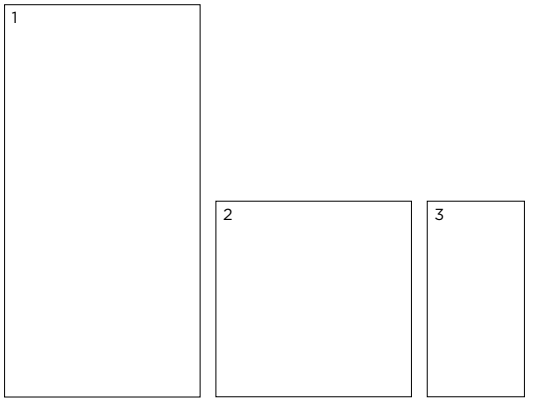
Rawtech Magnum is an industrial-style concrete-effect porcelain slab range with high tonal variation. This range offers the distinctive character of cement through surface 'imperfections' and a worn finish effect. View Rawtech for 9mm-thick tiles in additional sizes, plus coordinating mosaics and special pieces.

Floor: DFRL 02 Matt

Sizes

DFRL 01

DFRL 02



	Size (mm)	Thickness	Finish	Colour Availability
1	2397 x 1197 (R)	6	Matt	All colours
2	1197 x 1197 (R)	6	Matt	All colours
3	1197 x 597 (R)	6	Matt	All colours

(R) Rectified size – square edge with bevel. Swatch colours may vary from original. Samples should be requested.

V2 Moderate – V3 High
Shade Variation

DOMUS
service@domusgroup.com | t: 020 8481 9500 | domusgroup.com

Rawtech Magnum

Technical Data

Product Type: Unglazed Porcelain (BS EN 14411 – Group BIa)

Use: Floors & Walls

Product Code: DFRL

DIMENSION & SURFACE QUALITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Length & width	BS EN ISO 10545-2	± 0.60% (max. ± 2.0mm)	± 0.15%
Thickness	BS EN ISO 10545-2	± 5% (max. ± 0.5mm)	± 5%
Edge straightness	BS EN ISO 10545-2	± 0.50% (max. ± 1.5mm)	± 0.1%
Orthogonality (squareness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	± 0.2%
Planarity (flatness)	BS EN ISO 10545-2	± 0.50% (max. ± 2.0mm)	± 0.2%
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)	R9 from 3° to 10° R10 from 10° to 19°	Natural Natural Grip
Areas with bare feet	DIN 51097	A over 12° to 18° B over 18° to 24°	Natural Natural Grip
Slip resistance Coefficient of friction	BS 7976-2 BS EN 16165	Test results upon request	

PRODUCT QUALITY & DURABILITY

Technical Characteristics	Industry Standards	Requirement	Actual Value
Water absorption	BS EN ISO 10545-3	≤ 0.5%	0.08% (Average value)
Modulus of rupture (bending strength)	BS EN ISO 10545-4	≥ 35 N/mm^2	52 N/mm^2 (Average value)
Breaking strength	BS EN ISO 10545-4	≥ 700 N	1350 N (Average value)
Resistance to deep abrasion (unglazed tiles)	BS EN ISO 10545-6	≤ 175 mm^3	140 mm^3 (Average value)
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	ULA
High concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	UHA
Domestic chemicals & additives for swimming pools	BS EN ISO 10545-13	UB min.	UA
Stain resistance	BS EN ISO 10545-14	Declared value	Class 4
Reaction to fire	Based on the decision 96/603/EC and its changes	A1$_{FL}$/A1	A1$_{FL}$/A1
Recycled content			DRFL 01 – 0% DRFL 02 – 16%

All test results are based upon current test data provided by the manufacturer and are provided in good faith. Domus Group cannot be held responsible for any variation in the test data due to changes in manufacture or material characteristics. Errors & omissions excepted. Please refer to Domus Group Terms & Conditions of Sale.

March 2023

DOMUS

service@domusgroup.com | t: 020 8481 9500 | domusgroup.com