

Meld

Porcelain Design



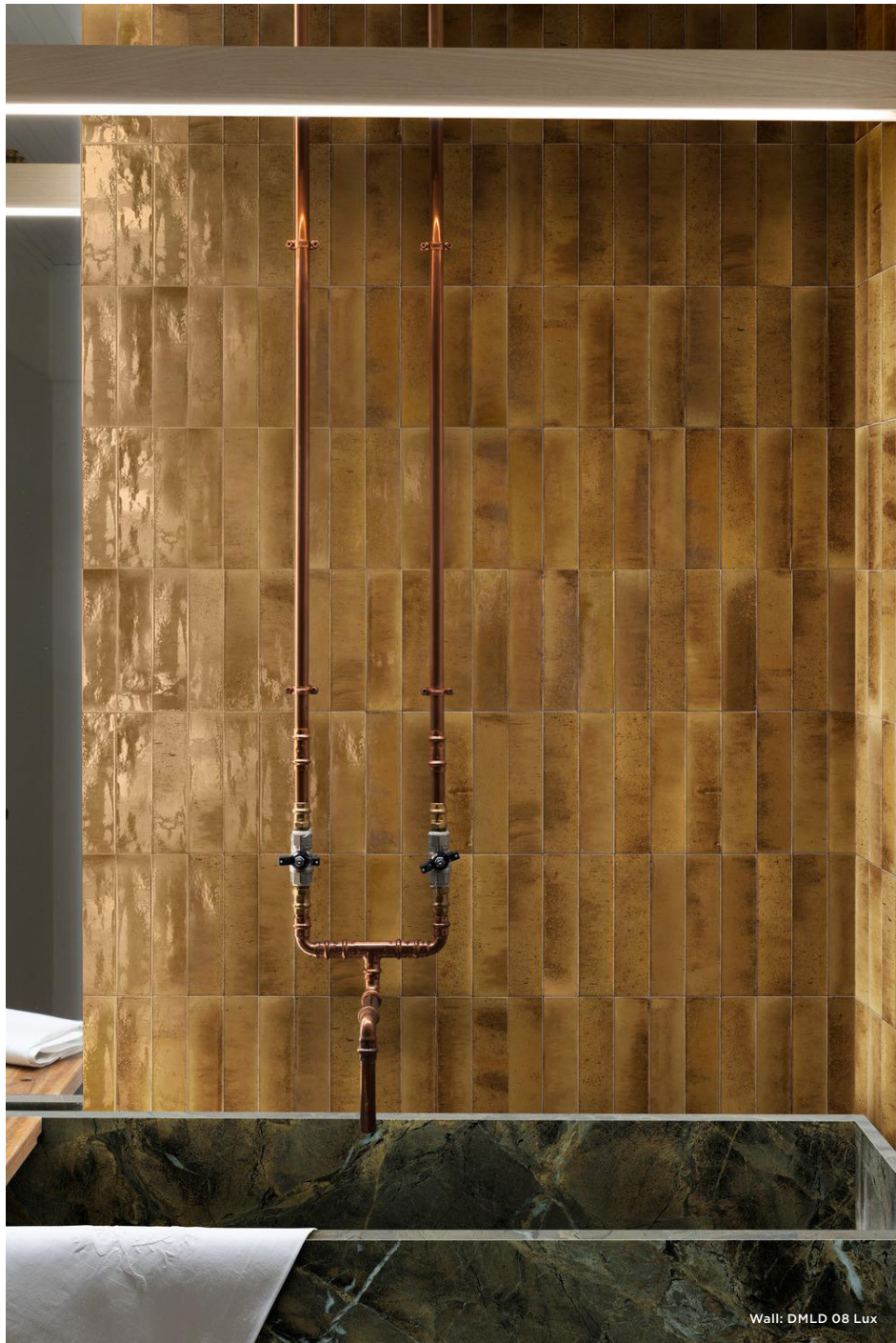
Wall: DMLD 12 Lux

12 Colours / 1 Finish / 2 Sizes

Meld displays variations in colour and patterning to create interplays of light which add vibrancy to spaces. Combining a sleek, contemporary aesthetic with cutting-edge frost-proof and abrasion-resistant technology, this range pushes the boundaries of both style and function.



Wall: DMLD 05 Hexagon Lux



Wall: DMLD 08 Lux



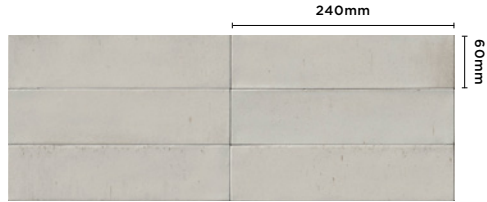
Wall: DMLD 01 Hexagon Lux



Wall: DMLD 06 Lux



DMLD 01



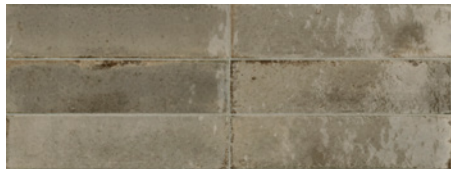
DMLD 07



DMLD 09



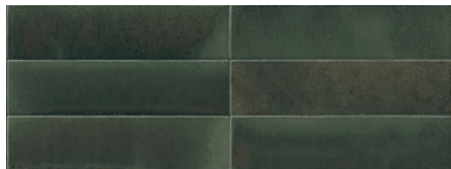
DMLD 08



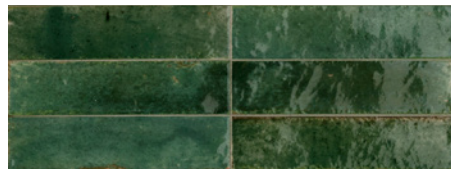
DMLD 02



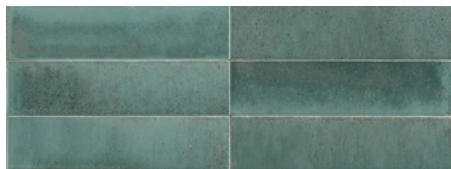
DMLD 03



DMLD 10



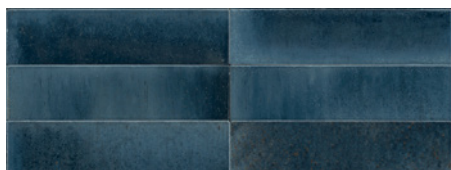
DMLD 04



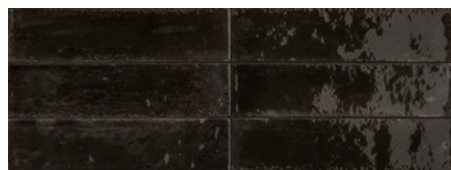
DMLD 11



DMLD 05

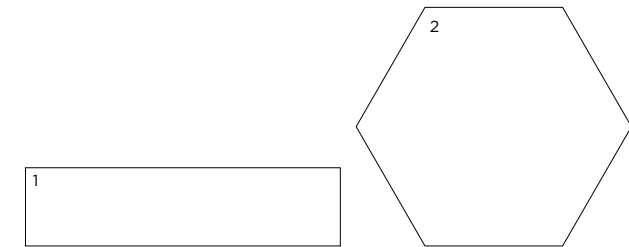


DMLD 12



DMLD 06

Sizes



	Size (mm)	Thickness	Finish	Colour Availability
1	240 x 60 (N)	10	Lux	All colours
2	Hexagon 210 x 182 (N)	9.5	Lux	DMLD 01, 04 & 05

(N) Nominal size - pressed edge. Swatch colours may vary from original. Samples should be requested.

V2 - Moderate Shade Variation



DMLD 01 Hexagon



DMLD 04 Hexagon

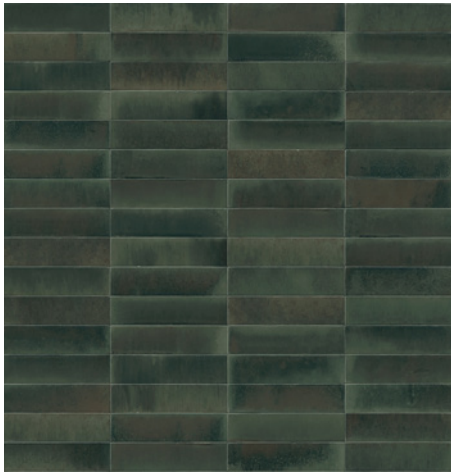


DMLD 05 Hexagon

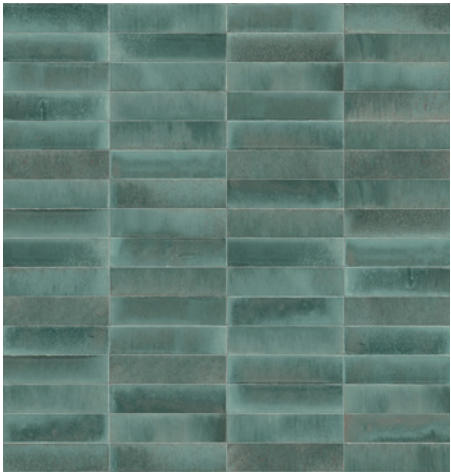


DMLD 06

V3 - High Shade Variation



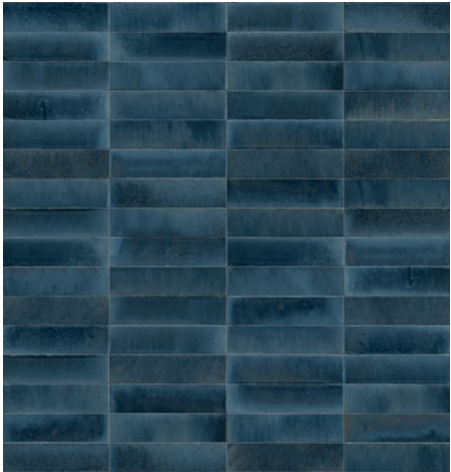
DMLD 10



DMLD 11



DMLD 09



DMLD 12

Meld

Technical Data

Product Type: Glazed Porcelain (BS EN 14411 – Group Bla)

Use: Floors (dry areas) & Walls

Product Code: DMLD

DIMENSION & SURFACE QUALITY

Please be aware that this range is produced in three calibres, which vary slightly from the nominal size. Where there is a requirement for a specific calibre, please ensure this is quoted on all correspondence. Where a specific calibre is not requested, a random calibre will be assigned to all orders. Please ensure all tiles from the same calibre are used within the same project.

Nominal Size: 240 x 60 x 10 mm

Calibre Sizes:-

Cal. 07: 237 x 56.9 mm / **Cal. 08:** 238 x 57.1 mm / **Cal. 09:** 239 x 57.3 mm

(dimensional tolerances as below)

Technical Characteristics	Industry Standards	Requirement (for nominal size N)		Actual Value
		70mm ≤ N < 150mm	N ≥ 150mm	
Length & width	BS EN ISO 10545-2	± 0.9mm	± 0.60% (max. ± 2.0mm)	Conforms
Thickness	BS EN ISO 10545-2	± 0.5mm	± 5% (max. ± 0.5mm)	Conforms
Edge straightness	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 1.5mm)	Conforms
Orthogonality (squareness)	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 2.0mm)	Conforms
Planarity (flatness)	BS EN ISO 10545-2	± 0.75mm	± 0.50% (max. ± 2.0mm)	Conforms
Appearance	BS EN ISO 10545-2	> 95%		Conforms

SLIP RESISTANCE

Technical Characteristics	Industry Standards	Requirement
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/mm ²	Conforms
Breaking strength	BS EN ISO 10545-4	≥ 1300 N	Conforms
Resistance to surface abrasion (glazed tiles)	Internal method *see classification below	—	Class F
Linear thermal expansion coefficient	BS EN ISO 10545-8	Declared value	≤ 9 × 10 ⁻⁶ / °C (typical value)
Thermal shock resistance	BS EN ISO 10545-9	No visible defects	Resistant
Crazing resistance	BS EN ISO 10545-11	No visible signs	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	GLA-GLB
High concentrations of acids & alkalis	BS EN ISO 10545-13	No visible defects	GHA-GHB
Domestic chemicals & additives for swimming pools	BS EN ISO 10545-13	GB min.	GA
Stain resistance	BS EN ISO 10545-14	Min. Class 3	Class 3-5
Reaction to fire	Based on the decision 96/603/EC and its changes	A1 _{FL} /A1	A1 _{FL} /A1
Colour resistance to light exposure	DIN 51094	No noticeable colour variation	Resistant
Recycled content			10%

*Surface abrasion classification

Class F - Tiles suitable for any room of a house without direct access from the outside or access not protected by doormats. Average stress abrasive wear.

