

HEAD OFFICE
DOMUS TILES LTD
3 MOLESEY BUSINESS CENTRE
CENTRAL AVENUE, WEST MOLESEY
SURREY KT8 2QZ
T: 020 8481 9500

DOMUS WEST ONE
23-25 EASTCASTLE STREET
LONDON W1W 8DF
T: 020 7458 4005

DOMUS CLERKENWELL
50 GREAT SUTTON STREET
CLERKENWELL
LONDON EC1V 0DF
T: 020 7458 4000

DOMUS BATTERSEA
76 QUEENTOWN ROAD
BATTERSEA
LONDON SW8 3RY
T: 020 8481 9509

SERVICE@DOMUSTILES.COM
WWW.DOMUSTILES.COM

DOMUS[®]
FLOOR+

DOMUS[®]
FLOOR+



Screed Replacement System (SR)
Domus Selection Oak Porcelain Timber
Domus Stone Studio, Battersea

Domus Floor+ is a portfolio of Advanced Floor Systems that provide innovative solutions for residential and commercial projects solving technical building issues, both internally and externally. The Advanced Floor Systems utilise new technology, materials and production methods, which speed up installation times, remove part or all wet trade challenges and provide a first class design and high performance floor.

Modern hi-tech buildings require practical and well-designed solutions to accommodate under-floor services and cabling, and to allow access to those services for maintenance and upgrades as technology develops or when the need for layout changes occur. Domus Floor+ solves these technical requirements with its raised and access floor systems, which contain services beneath a durable, highly functional floor with designed-in and easily removable access panels that reveal the void below.

The innovative designs of Domus Floor+ Systems allows specifiers to select from an extensive range of floor materials and size formats and does not restrict designers to the traditional 600 x 600mm panel size.

Size formats up to 3000 x 1000mm can be specified and the complete range of Domus Porcelain Tiles, Lightweight Porcelain Slabs and Domus Technical Stone can be incorporated into Domus Floor+.

INTERNAL SYSTEMS

RAISED ACCESS FLOORS (RA)	3-4
SCREED REPLACEMENT SYSTEM (SR)	5-6
OVERLAY SYSTEM (OS)	7-8

EXTERNAL SYSTEM

RAISED ACCESS DECKING (XT)	9-10
----------------------------	------

TILE SPECIFICATION

FORMATS & SIZES	11-12
FINISHES	13-14
COLOURS & MATERIALS	15-20

SERVICES

DESIGN & PROJECT SUPPORT	21-22
--------------------------	-------



Raised Access Floor (RA)
Domus Buxy Porcelain Stone
Surface Showroom, Islington

Domus Floor+ Internal Raised Access (RA) system is a factory bonded floor panel consisting of Porcelain Tile or Technical Stone bonded to a high density Calcium Sulphate panel with a steel backing (optional) and edge banded. The supporting system is comprised of a tubular stringer (optional) and adjustable pedestals.

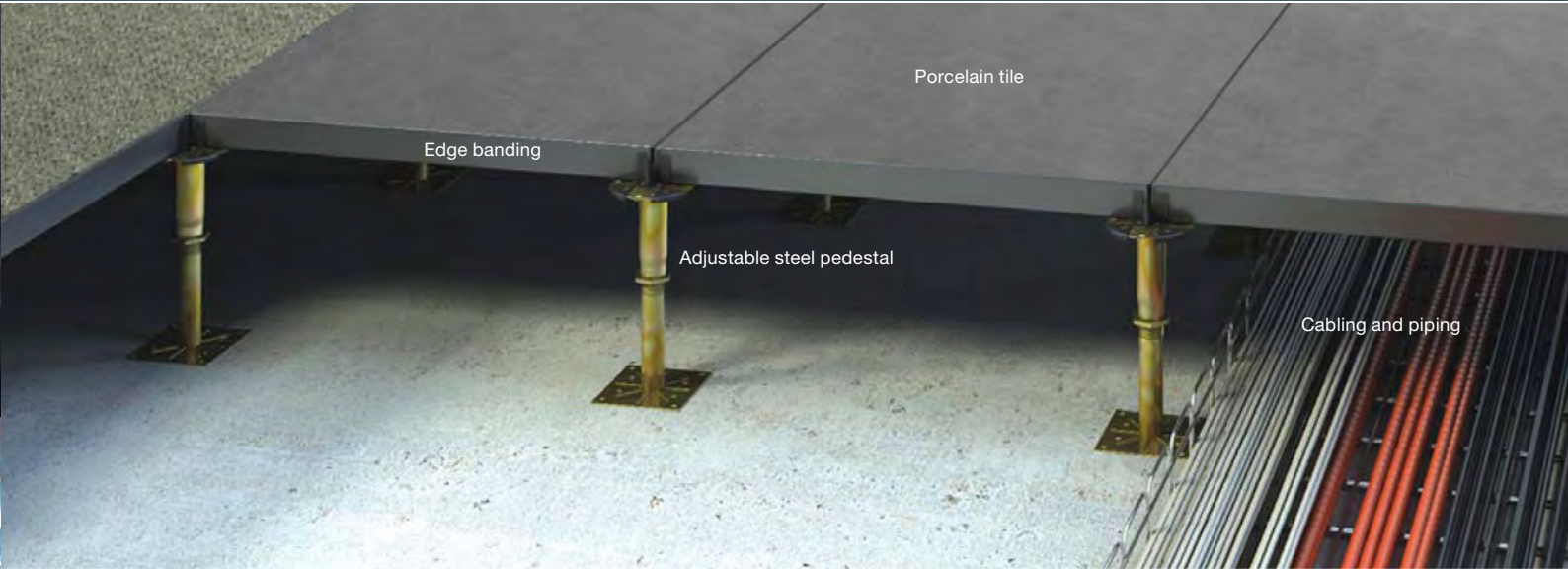
Design innovations throughout all these elements ensure that the traditional constraints of raised flooring are removed. The new technology allows specifiers an extensive choice of colours, finishes and large format sizes up to 1200mm. Suitable for all types of commercial and residential buildings.

LOADING CAPACITIES

PSA MOB PF2 / SPU

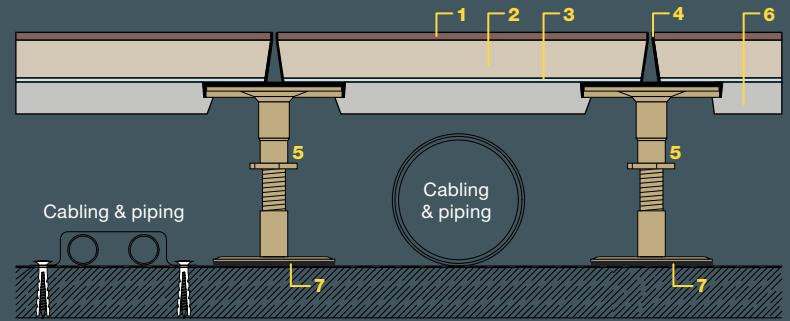
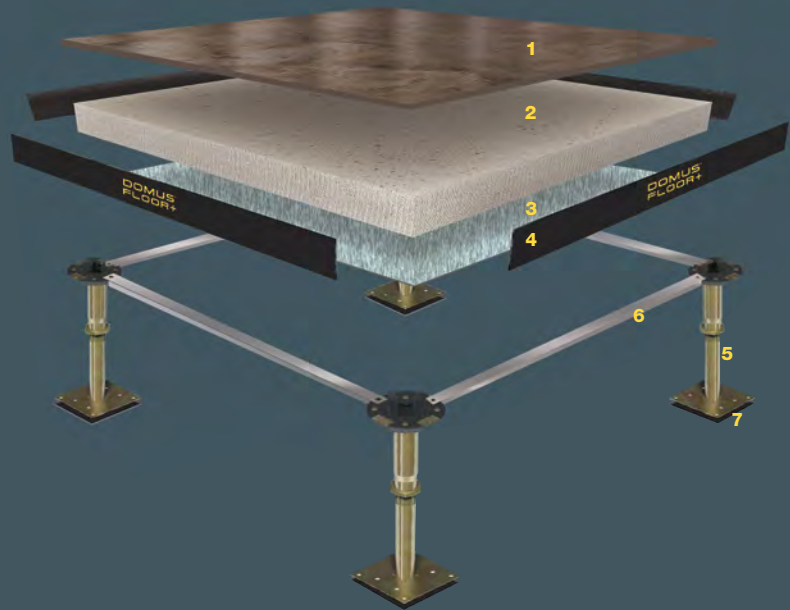
	Uniformly Distributed Loads	Concentrated Loads Over 300mm sq indenter	Concentrated Loads Over 25mm sq indenter
Light Grade	6.7 kN/m ²	At least 2.7 kN	At least 1.5 kN
Medium Grade	8.0 kN/m ²	At least 4.5 kN	At least 3.0 kN
Heavy Grade	12.0 kN/m ²	—	At least 4.5 kN
Extra Heavy Grade	12.0 kN/m ²	—	At least 4.5 kN At least 11.0 kN – T9 : 4 Point load

Safety factor for all: 3x load for 5 minutes



Domus Floor+ Components:
Internal Raised Access (RA) system

- Domus Porcelain or Technical Stone tile or slab**
100's of colours, finishes and sizes available
- Calcium Sulphate (CS) panel**
Variable thicknesses: 30–38mm
- Galvanised steel backing** (optional)
Providing added strength and durability
- Edge banding**
Colour options available
Seals the tile and CS bonded panel
- Steel pedestal**
Height adjustable to achieve a finish floor height from 60–2000mm
- Steel stringer** (optional)
Providing added strength and durability
Assists with installation
- Acoustic insulating pad** (optional)



- Bonded unit is impossible to break apart
- Exceptionally durable, ecological and VOC free
- Multiple options of loading capacity (see opposite)
- Fire resistant / Class 1, REI 90
- Excellent acoustic performance
- Chamfered panel sides and bevelled top edge
- Tiles: 3.5–14mm thickness
- Overall tile & panel thickness 38–53mm
- Sizes up to 1200 x 1200mm
- Tile & panel weight: approx. 60–87KG / SQM
- Perfectly flat solid floor with minimal deflection
- Fully adjustable support system: 20–1950mm

INTERNAL SYSTEMS

SCREED REPLACEMENT SYSTEM (SR)



Screed Replacement System (SR)
Domus Creta Porcelain
Domus Clerkenwell

A precision engineered gypsum fibreboard flooring panel that replaces the need for a levelling wet concrete screed which is designed to span over pedestals, joists or battened floors at maximum 600mm centres.

The load-bearing panels offer partial access to voids beneath and produce a strong and versatile floor system with high dimensional stability — the ideal substrate for robust, monolithic porcelain and stone floors.

Gypsum Fibreboard Panel

Size = 1200 x 600mm or 600 x 600mm

Thickness = 25 / 28 / 32 / 38mm

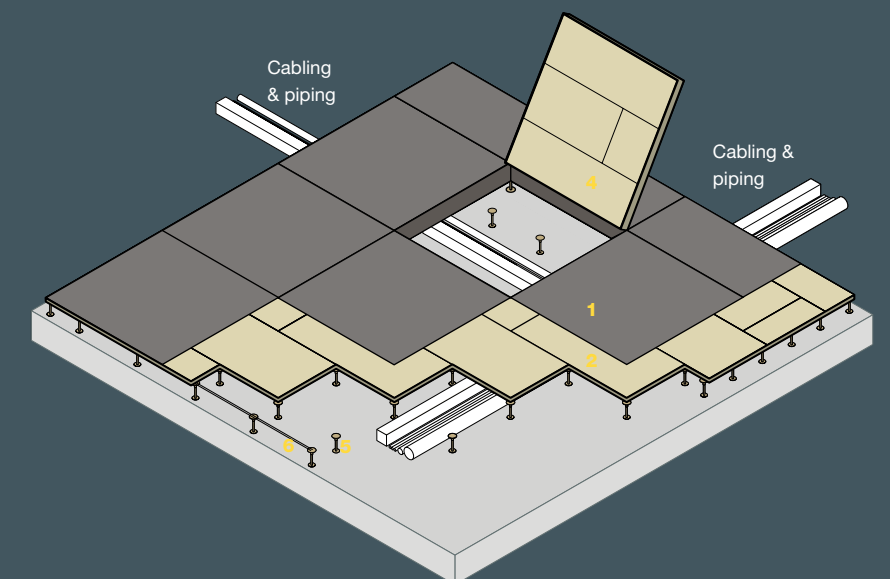
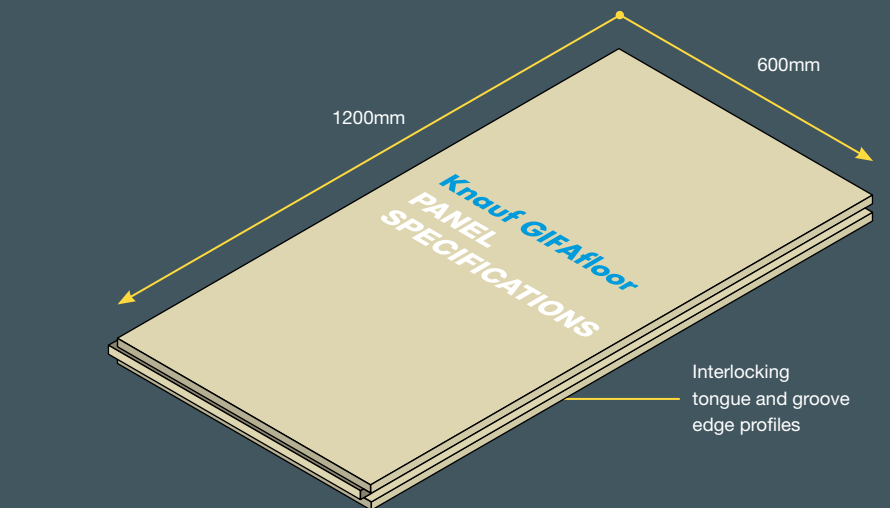
Weight = 37.5 / 42 / 48 / 57kg/sqm

Lightweight compared to concrete screed

Density = 1500kg/m³

Recycled Content = over 50%

Manufactured to ISO 14001



Domus Floor+ Components: Screed Replacement System (SR)

1. Domus Porcelain or
Technical Stone tile or slab
100's of colours, finishes and sizes available

2. Gypsum fibreboard panel

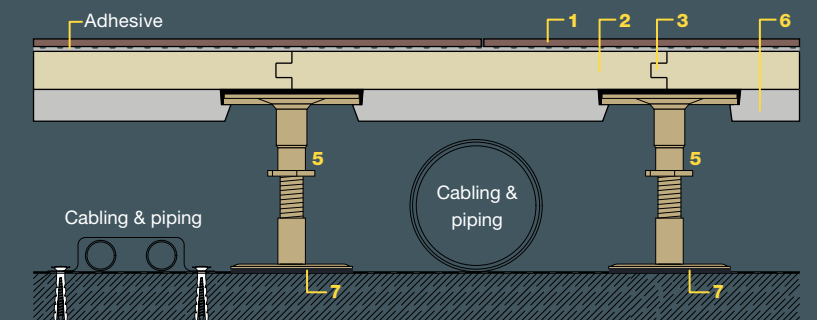
3. Glued tongue & groove edge profile

4. Non-intrusive access panel

5. Steel pedestal

6. Steel stringer (optional)

7. Acoustic insulating pad (optional)



- Suitable for all sizes of porcelain tiles
- Ideal for 3000 x 1000mm lightweight porcelain slabs
- Suitable for all commercial and residential buildings
- Not suitable for very wet areas / wet rooms
- Tanking layer required if being used in wet areas
- Suitable for toilet fit-outs in office areas
- Excellent load bearing capability
- Creates solid flat level floors
- Dimensionally stable and robust

- Good acoustic performance
- Suitable for underfloor heating systems
- Excellent thermal conductivity AR = 0.44 W/mK
- Non-combustible A1 fire rated
- Quick to install
- Interlocking tongue and groove edge profiles
- Reduces cement content of building
- No wet trade or drying time as per traditional screeds
- Ready for traffic in 24 hours

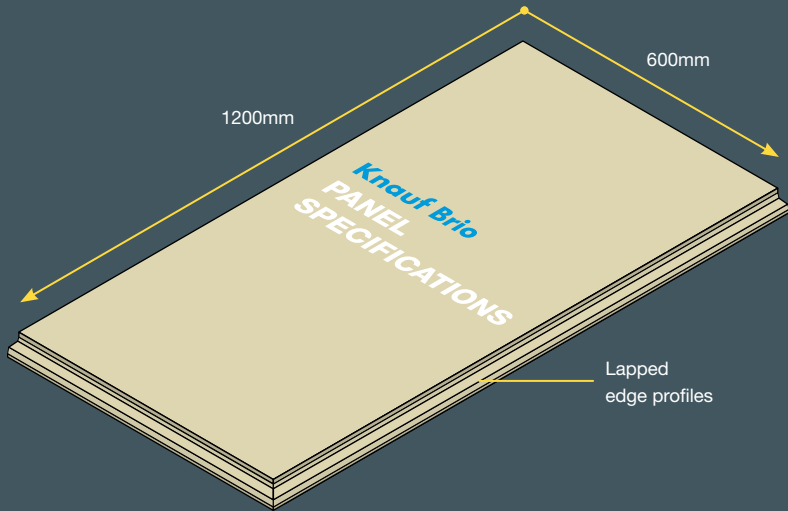


Overlay System (OS)
Domus Spectrum Porcelain
Gide Loyrette Nouel, London
Architect: HLW International

A precision engineered gypsum fibreboard flooring panel that provides a dimensionally stable, superior replacement to plywood substrates and removes the need for an anti-fracture membrane.

Created for new projects and refurbishments – this system is ideal for overlaying onto existing raised metal panel systems and timber floors.

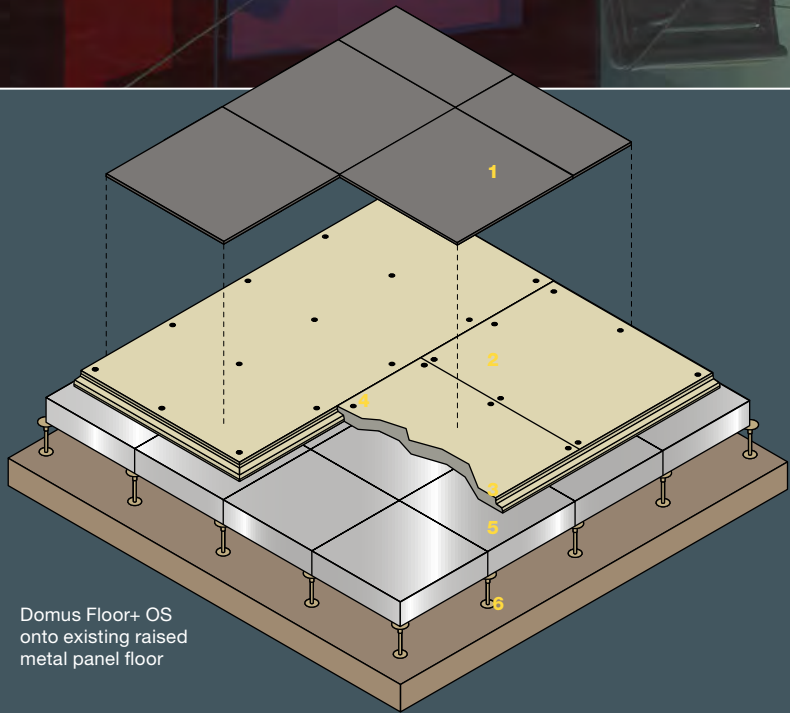
Gypsum Fibreboard Panel
Size = 1200 x 600mm
Thickness = 18 / 23mm
Weight = 22 / 28kg/sqm
Density = 1100kg/m³
Recycled Content = 60%
Manufactured to ISO 14001



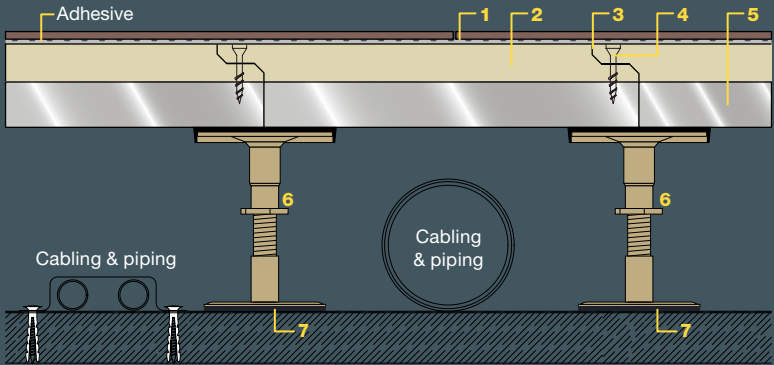
- Suitable for all sizes of porcelain tiles
- Ideal for 3000 x 1000mm lightweight porcelain slabs (23mm thickness panels required for slabs and regular thickness tiles 600 x 600mm or larger)
- Suitable for all commercial and residential buildings
- Not suitable for wet areas
- Environmentally friendly (60% recycled content)
- Thermally transparent, high conductivity
- Ideal for underfloor heating systems
- High density panel = top acoustic performance
- Can be used to reduce impact noise and sound transmission to achieve performances required by Part-E of the Building Regulations.
- Easy and quick to install
- Panel joints are glued and fastened
- Use Brio joint screws to fasten
- Lapped edge profiles
- No wet trade required before tiling
- Reduces cement content of building

Domus Floor+ Components:
Overlay System (OS)

1. Domus Porcelain or Technical Stone tile or slab
100's of colours, finishes and sizes available
2. Gypsum fibreboard panel
3. Lapped edge profile
4. Joint, glued & screwed
5. Existing metal panels / Existing substrate
Panels must be fixed to pedestals
6. Steel pedestal
7. Acoustic insulating pad (optional)



Domus Floor+ OS
onto existing raised
metal panel floor

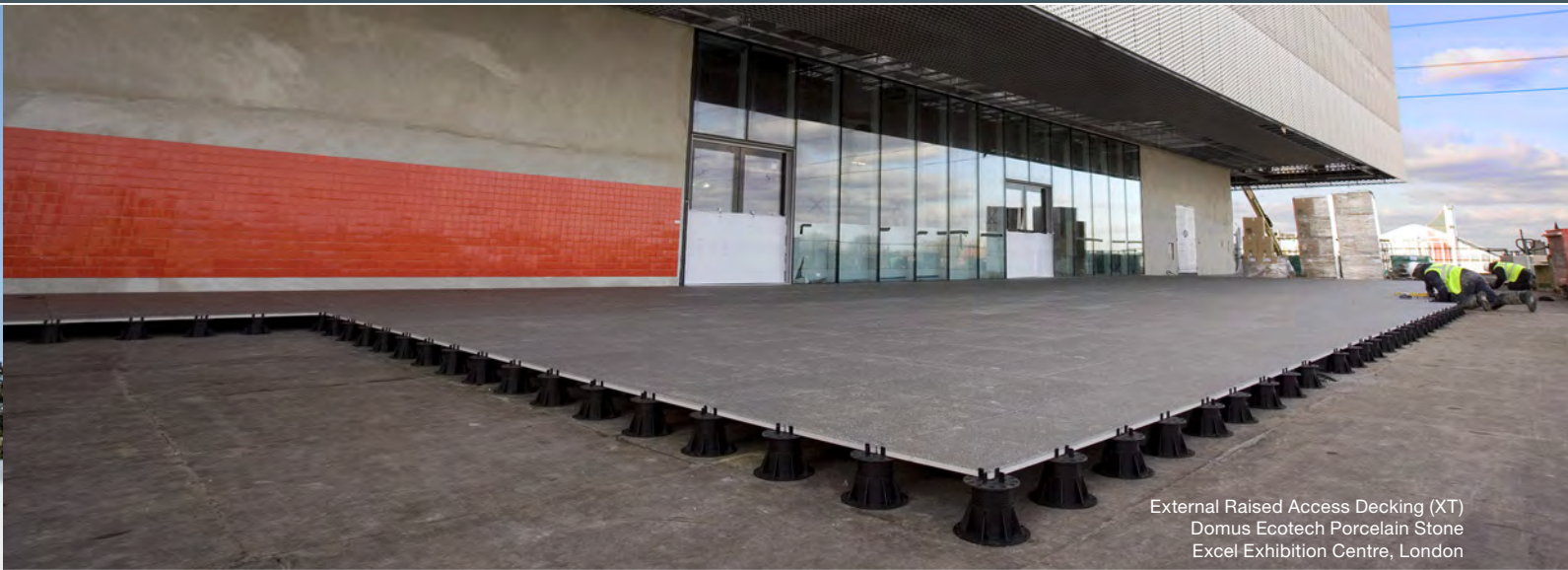


EXTERNAL SYSTEM



External Raised Access Decking (XT)
Domus Porcelain Stone

RAISED ACCESS DECKING (XT)



External Raised Access Decking (XT)
Domus Ecotech Porcelain Stone
Excel Exhibition Centre, London

Suitable for large scale commercial and landscape residential projects. The system consists of a 20mm thick porcelain tile and adjustable external pedestals with built-in slope corrector.

The external system is water and frost proof and chemical resistant, exceptionally durable for heavy foot-traffic areas, and easy to maintain and install. Joints remain open to allow water to drain off the surface.

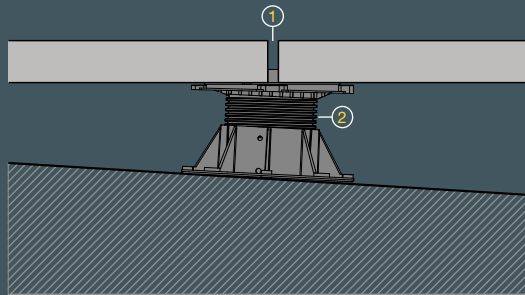
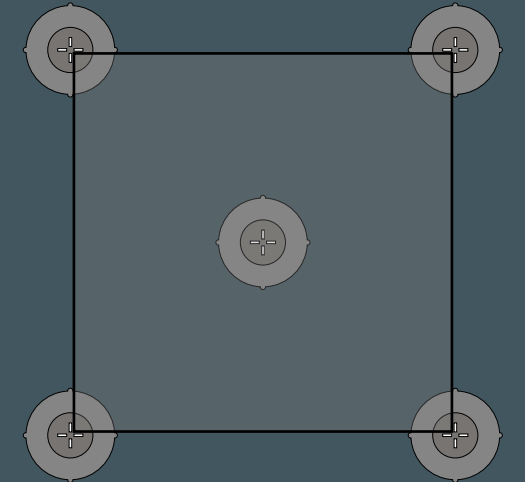
Domus Floor+ Components:
External Raised Access (XT) System

- 1. **Open Joint.** Recommended spacer tab 3mm. Allows water to drain off the surface.
- 2. **Fully adjustable pedestal height:** 17–850mm. Option of built-in slope corrector to counteract undulating substrates and to accommodate drainage falls.

Breaking Strength	EN ISO 10545-4	S > 13000 N
Bending Strength	EN ISO 10545-4	R > 52 N/mm ²
Point Load	EN 12825	> 6 kN Centre > 7 kN Centre of Side > 4 kN Diagonal
Resistance to Abrasion	EN ISO 10545-6	< 150 mm ³

Important Note: for installations using pedestals that incorporate a void of 75mm or greater, please contact us for advice regarding the recommended provision of a reinforcing mesh for safety.

- Height range adjustable
 - 100% waterproof & frostproof
 - High loading capacity - supports loads in excess of 1000kg per pedestal
 - Easy access services running in cavity below
 - System allows for simple, fast removal of rain water
- Extremely sustainable - manufactured from 78% recycled PPC and 100% recycable
 - Sizes, cut to size, up to 1200 x 1200mm
 - Pedestal spacing options allow for all complex layouts, abutments, penetrations and edge details
 - All positions are lockable by special patented key





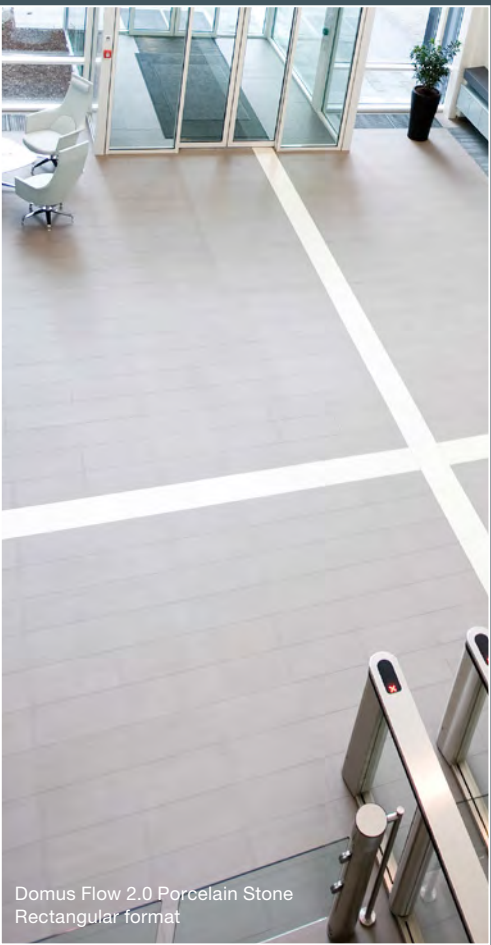
RECTANGULAR FORMAT
Domus Floor+ Systems' unique production method allows for rectangular formats in 3000 x 1000mm to be utilised, providing many more design options than the traditional 600 x 600mm square panel.

LIGHTWEIGHT PORCELAIN SLAB
Conceived to revolutionise the scale and convenience of tiling projects, its robust lightweight nature makes these slabs a compelling option for architects and designers.

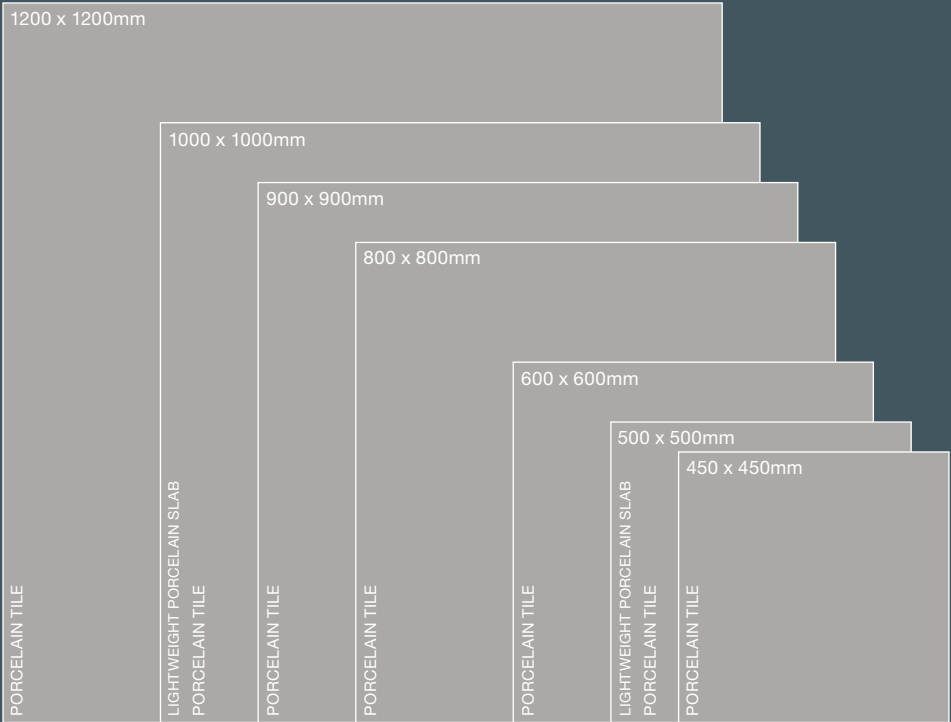
Lighter than aluminium, more resistant than stone and at only 3.5mm thickness, the slab provides a vast selection of format options from its 3000 x 1000mm production size.

Size = 3000 x 1000mm
Thickness = 3.5mm
Weight = 7kg/sqm

PORCELAIN TILES
Size = up to 1800 x 800mm
Thickness = 10-14mm
Weight = 21-25kg/sqm



Domus Flow 2.0 Porcelain Stone Rectangular format



SQUARE FORMAT
For Domus Floor+ Systems, 1200 x 1200mm square formats are now available, offering unique tiling possibilities compared to the traditional 600 x 600mm formats commonly used with raised floor systems. Without the 600 x 600mm limitations, Domus Floor+ Systems offer the same design choices and possibilities as those of a traditionally tiled, non-system floor.

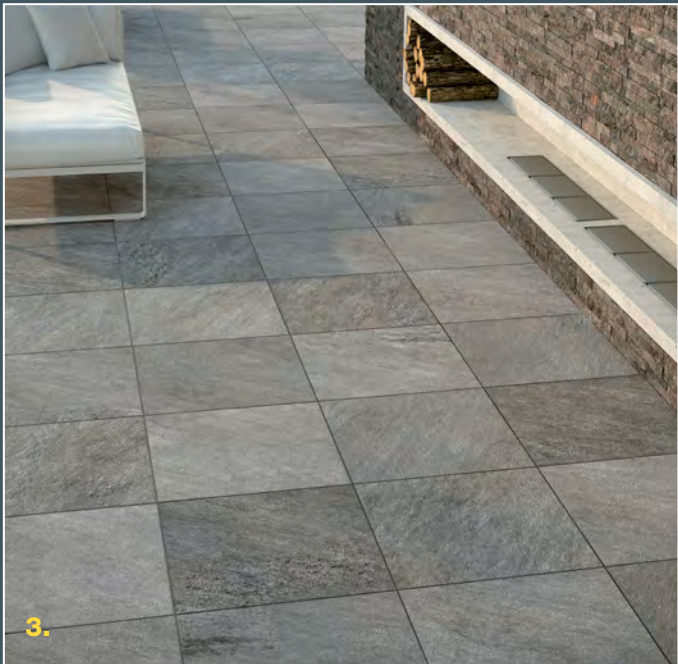


Domus Globe Porcelain Stone Square format

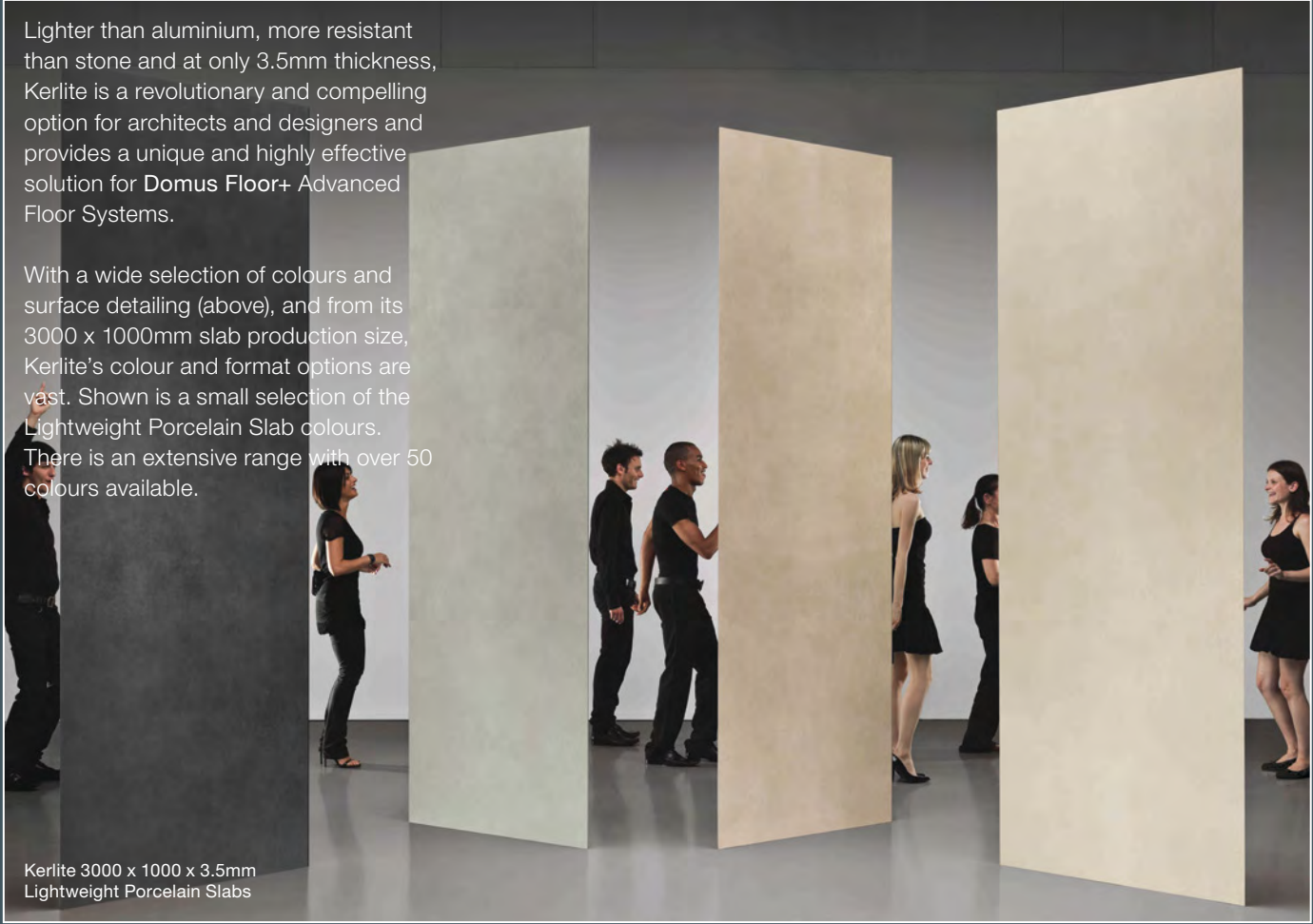
Domus Floor+ Systems benefit from a definitive portfolio of Porcelain tile and Technical stone finishes where striking design and technical excellence combine to create superior architectural surfaces and textures.

From luxurious polished stones to smooth, natural and subtly grained options to heavily structured, bush hammered textures that are perfect for anti-slip environments, there is a finish to meet every project requirement.

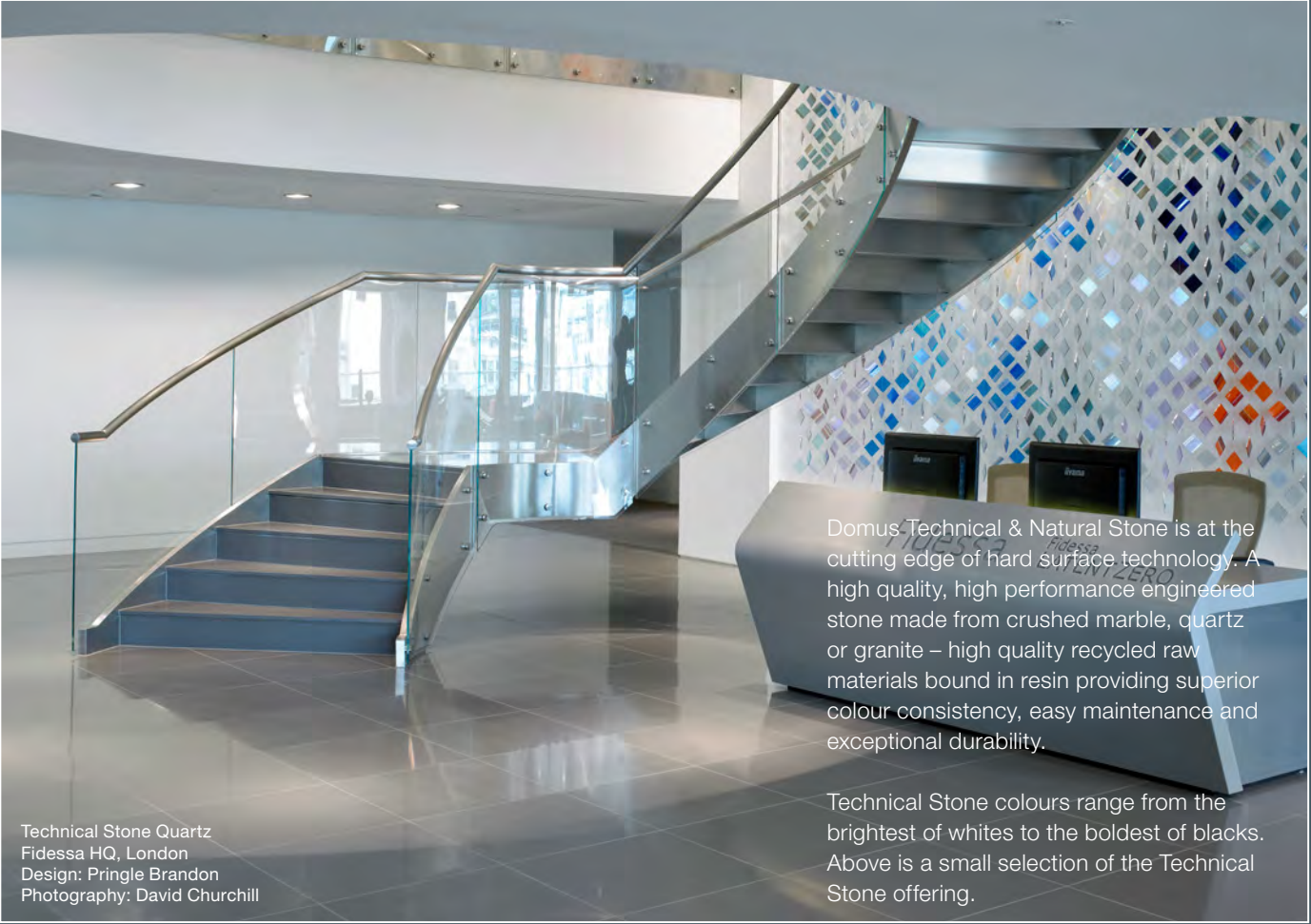
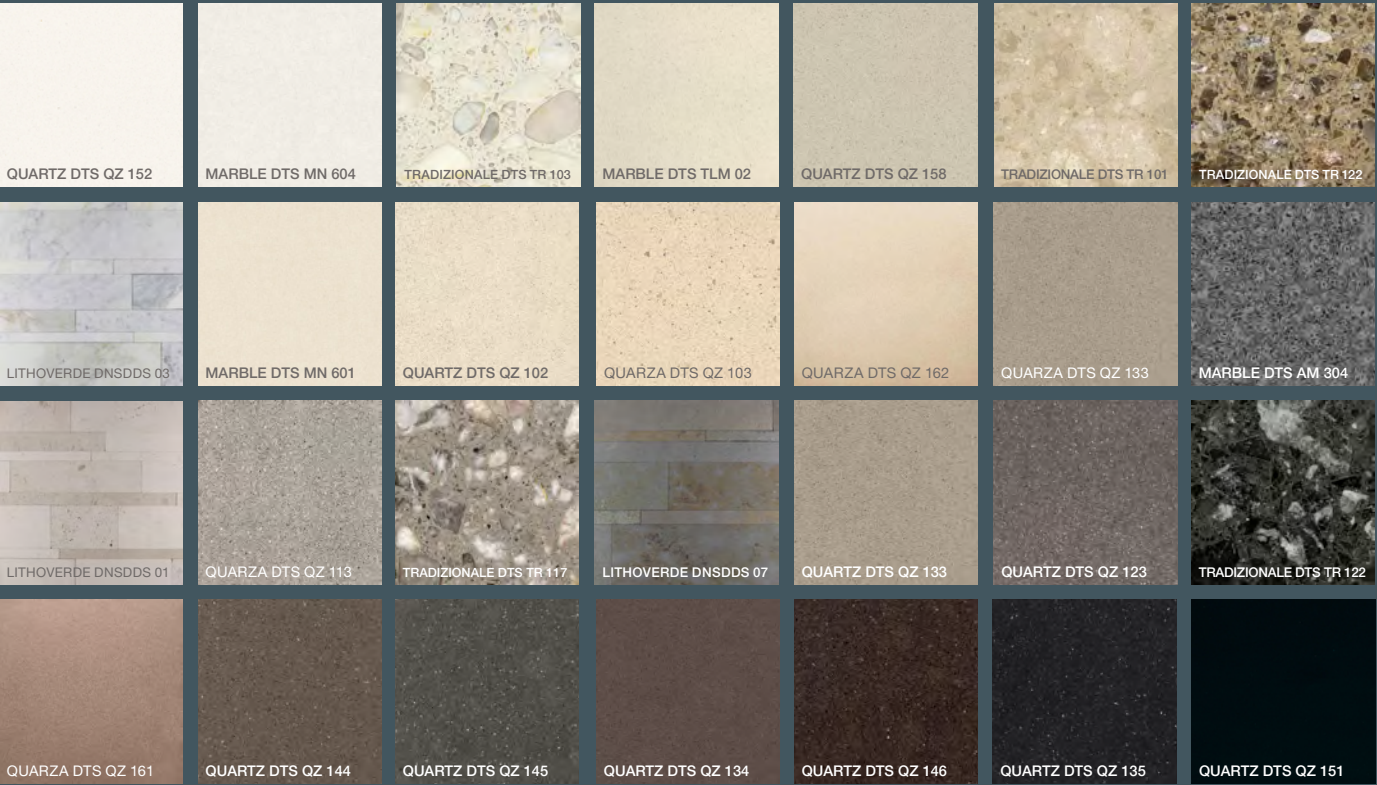
All finishes are manufactured to exacting standards and tested to industry specifications. Exceptional durability, versatility and easy maintenance come as standard.



KERLITE_LIGHTWEIGHT PORCELAIN SLAB



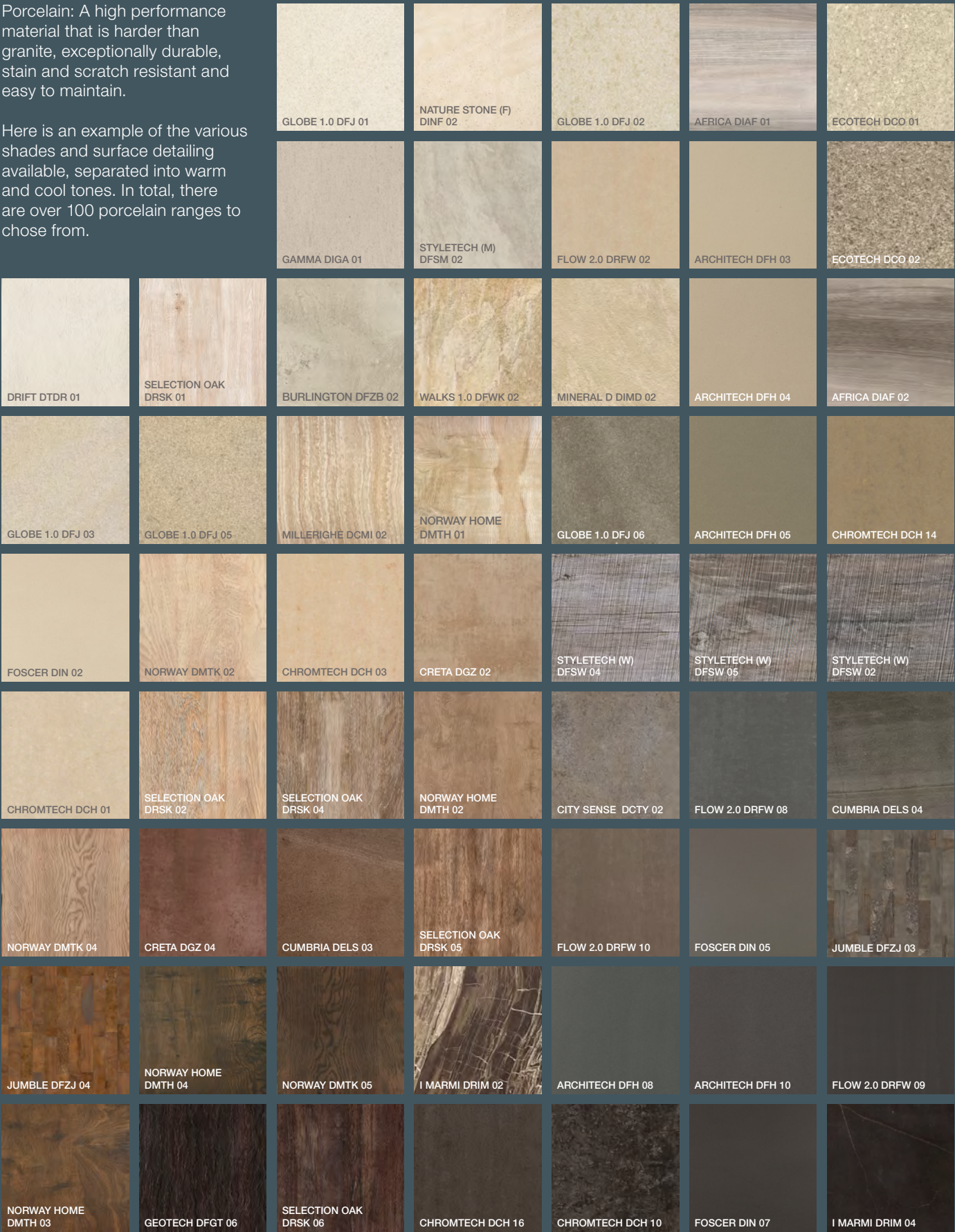
TECHNICAL & NATURAL STONE



PORCELAIN_WARM TONES

Porcelain: A high performance material that is harder than granite, exceptionally durable, stain and scratch resistant and easy to maintain.

Here is an example of the various shades and surface detailing available, separated into warm and cool tones. In total, there are over 100 porcelain ranges to chose from.



PORCELAIN_COOL TONES



PORCELAIN_WARM TONES



PORCELAIN_COOL TONES



IBM Forum, Southbank London
(CAD drawing and completed project)
Design: HOK

Internal Raised Access (RA) system
Technical Stone Quartz 600 x 600mm,
including curved water-jet cut Technical
Stone Quartz floor inserts.

DESIGN ADVICE

Our design team has extensive experience on all types of projects from shopping centres to sports and leisure stadia, hotel and residential developments to offices and public buildings. We can advise and design the correct Domus Floor+ System for your project and produce full PSA MOB test reports from a UKAS accredited independent testing house.

Domus provides a fully-resourced technical design service using CAD technology for floor layouts. With specialist templators, and utilising CNC water-jet and CNC wet-cut technology, Domus materials are crafted into superior high quality designed solutions for any project application.

MAINTENANCE

Maintenance and care information is available to ensure long term performance and a long lasting Raised Access Floor solution.

SPECIFICATION SUPPORT

Our technical team can help with special pieces and unusual shapes, fixing and installation advice and specialist layouts and applications. Plus, we can create NBS M40 and K41 building specification documentation for materials and installation advice for major projects.

PROJECT MANAGEMENT

To assist with costing, our estimating team is experienced in processing special project pricing and tendering information.

Our friendly and efficient contracts team ensures you benefit from smooth project management and accurate, timely deliveries.

IBM Forum, Southbank
Technical CAD drawing
Tile layout, including
curved water-jet cut
Technical Stone Quartz
floor inserts.

