

panDOMO®



Fast Track Seamless Surface Design

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The PANDOMO® range of products creates a decorative, seamless and very hard wearing surface for floors, walls and ceilings. PANDOMO® allows all surfaces to be designed with consistency of colour and finish in mind, and offers designs ranging from classical, contemporary, urban and vibrant, or a style truly individualised to match your inspiration and requirement.

A real all-rounder in the world of internal surface design and installation, PANDOMO® leaves its mark in many prestigious residential and commercial applications, and has design options for even the toughest demands, yet still remains an individual creative element for aesthetic surroundings. PANDOMO® by ARDEX creates extremely hard wearing, seamless surfaces and is fast to install, significantly reducing the installation period and project down time, making it an economical alternative to traditional materials.



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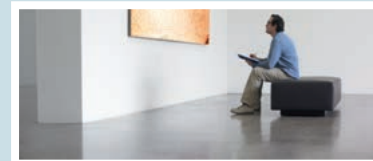
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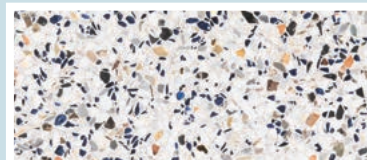
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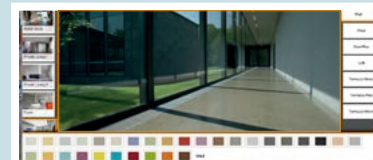
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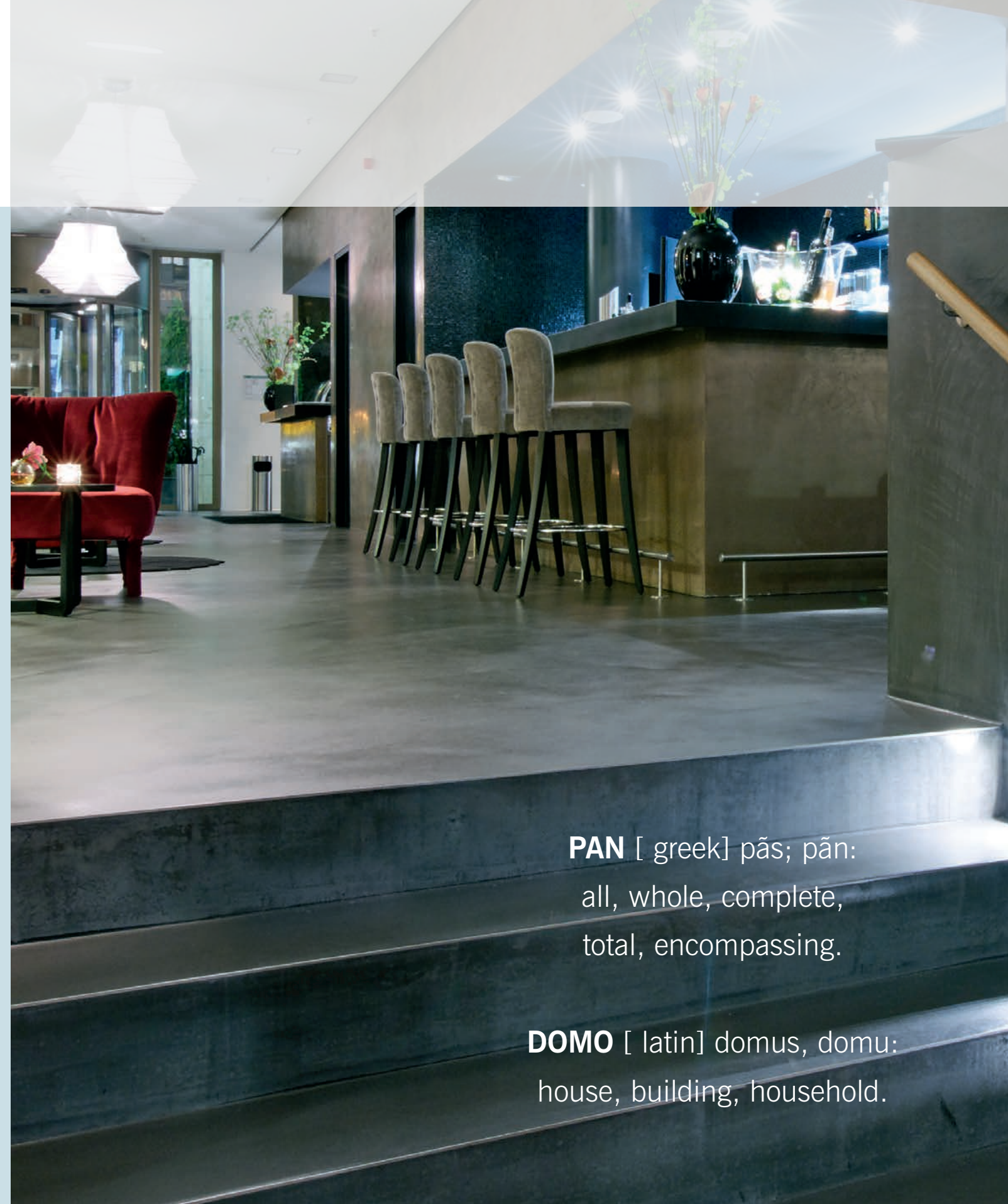
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PAN [greek] pās; pān:
all, whole, complete,
total, encompassing.

DOMO [latin] domus, domu:
house, building, household.

Specification Support at Every Stage

When specifying ARDEX you can rely on our expert team for ongoing support at every stage of the process, from rapid response to specification writing, to installation visits and on-site testing. We include relevant National Building Specification clauses for your specifications, and we regularly partner with complementary product manufacturers to provide project warranties.

Our purpose-built training facility enables us to bring all parties involved in an ARDEX specification together, from the client through to the main or sub-contractors, ensuring total confidence in the specification and subsequent on-site application.

The online ARDEX CPD Academy is an essential tool in the specification process, allowing you to earn CPD points by taking one of our RIBA approved CPD seminars online. Technical guidance, product information and project case studies are also available for download.

For the latest and most up to date information and advice, visit the ARDEX CPD ACADEMY

www.ardexcpdacademy.com



Summary

PANDOMO® Product	Useful Information	Thickness	Suitable Use
Wall	Render/wall finish which can be ready and dry within a day. Multiple colour and texture possibilities. Can go on ceilings and in bathrooms but not in the shower cubicle. Apply by trowelling in one or two coats, followed by sanding and sealing.	1.5mm	Bars, homes, shops, cafes, commercial, education & leisure. Avoid industrial uses e.g. bakeries, butcheries, heavy impact from metal cages/vehicles
Floor	Levelling compound/finished floor with unique subtle sweeps and lines. Colours can be mixed to make your own blends for a bespoke finish. Apply by pouring, followed by sanding and sealing the next day.	5 to 10mm	Homes, boutique shops, cafes, private offices (lower traffic areas)
FloorPlus	High resistance fine aggregate in the top surface increases abrasion and scratch resistance. Multiple colours can also be mixed to give a bespoke finish.	5 to 10mm	Higher traffic areas like schools, busier shops, bars, restaurants
Loft	Ultra thin and hard-wearing, highly textured cement based floor compound. Applied as two coats.	2 to 4mm	Shops, bars, schools, commercial locations, offices, leisure centres hotels, homes, etc.
TerrazzoBasic	A semi dry screed mix using 0 - 8mm local sand. Good for large bays and fast track installation. Colour/pattern dependent on sand colour. Can take water pipe heating systems. Ground and polished within 2 days and ready to use immediately.	25 to 70mm	High traffic heavy loads, airports, garage dealerships, museums, railway stations
TerrazzoMicro	Flowing terrazzo mix in black or white. Can be pigmented. Use 1 - 3mm chippings. Poured at 11mm thick and ground back to 9mm.	9 to 11mm	Boutique shops, homes, private areas, lower traffic areas, cafes, clubs, small hotels
TerrazzoPlus	Premium classic look of terrazzo. Extremely tough and hard wearing. Available in black or white, but can also be pigmented. Use 3 - 6mm or 6 - 9mm aggregate. Can be cast into panels, tiles, surfaces etc. Ground polished and sealed within 48 hours and ready to use immediately.	25 to 70mm	High traffic heavy loads, airports, garage dealerships, museums, railway stations



Seamless Aesthetics in a Surround Design

Appearance

Walls can now become a creative canvas for individual designs, from subtle accents to bold statements. PANDOMO® Wall enables a variety of luxurious finishes whether you require a smooth surface or a rougher textured effect, it can be coloured to any shade, multiple shades or create the illusion and genuine feel of natural stone.

By combination of textures and tones, the design possibilities are endless.

Location

PANDOMO® Wall can be applied on ceilings, soffits, arches, window surrounds and coves on most substrates including timber, painted surfaces and tiles. It can smooth uneven surfaces and once sealed with the ARDEX surface sealer,

the finished surface of PANDOMO® Wall is colourfast, non-fade and exceptionally stain resistant and easy to clean. This makes it the ideal solution for shops and commercial use, creating space that radiates openness, harmony and modernity.

Application

The versatile mortar can be applied in a single coat or two-coat system from 1.5mm - 6mm. Formulated with the ARDEX unique RAPIDRY technology; its drying time is the same irrespective of thickness of coat. The low shrinkage characteristics also allow very large surfaces to be covered in one operation.



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Designer Floors Linking Space with Style

Appearance

PANDOMO® Floor and FloorPlus are cement-based floor coverings which allow an almost unlimited range of designs and colours thanks to their unique design concept.

With the PANDOMO® floor range, seamless and joint-free floors can be achieved giving a spacious feel.

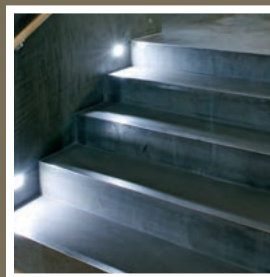
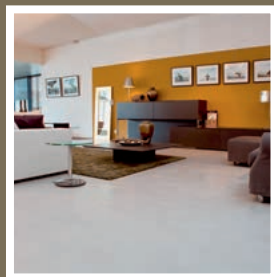
Location

The PANDOMO® floor range offers endless possibilities for designing rooms with colour. Unique design effects can be worked in and coloured. Ceilings, feature walls and existing floorings can be seamlessly placed next to each other. The colours are resistant to fading and do not yellow or drift under UV light.

The design possibilities and durability offered by PANDOMO® floor range are increasingly favoured in commercial applications as well as private living environments.

Application

The PANDOMO® floor range achieves maximum durability with minimum effort. PANDOMO® Floor surfaces are suitable for underfloor heating and caster wheels on chairs. PANDOMO® FloorPlus incorporates a tougher surface aggregate, which increases the resistance to wear and scratching, perfect for highly-trafficked environments such as hotel lobbies or shops. PANDOMO® FloorPlus also offers the opportunity to increase the surface hardness and create a more robust floor, without losing the overall surface appearance.



Reliable Floors for Demanding Occasions

Appearance

PANDOMO® Loft is a strong floor covering material that withstands continual wear and traffic. It is not only reliable and impressive but also blends in to almost every living or working area without being too dominant or interfering with other elements.

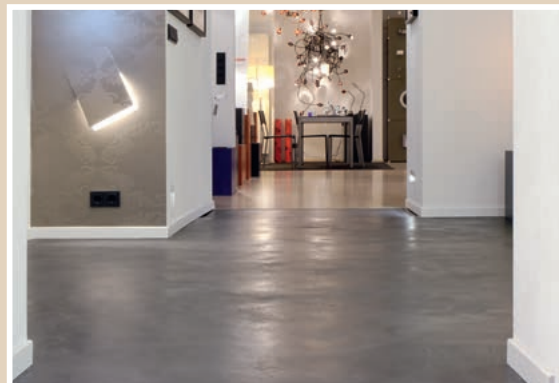
Location

PANDOMO® Loft is a further development from the well-established PANDOMO® floor range, and was created as a result of its solid and extremely durable structure for large load bearing floors, especially in highly trafficked public areas.

It is just as effective in private use, for example during renovation, thanks to its consistency and endless range of colours and textures.

Application

In a layer as thin as only 2mm, PANDOMO® Loft can be individually coloured and applied. The ultra-thin application eliminates the usual problem of height adjustment of doors and fixtures.



Timeless Beauty with Individuality

Appearance

PANDOMO® TerrazzoBasic defines an entire new generation of individually designed and polished floors. The material creates individually designed and polished decorative seamless floors with the appeal of traditional terrazzo, thanks to the addition of local or selected aggregates.

The unique result is a man made floor with a totally natural mineral look which is homogeneous at a distance, and as the viewer gets closer the intricate and individual stones and grains reveal themselves and display the full natural characteristics. It offers the perfect solution for designers looking for the timeless beauty of a traditional terrazzo floor, with the individual touch of the local element, hence the name: BASIC

Location

Whether for commercial or private use, PANDOMO® TerrazzoBasic always delivers proven performance for

strength, durability and stability. PANDOMO®

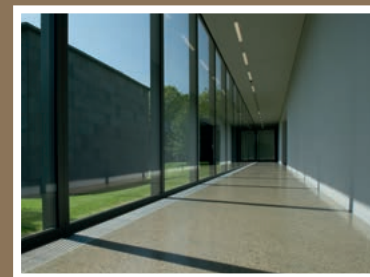
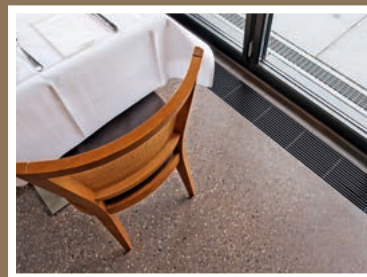
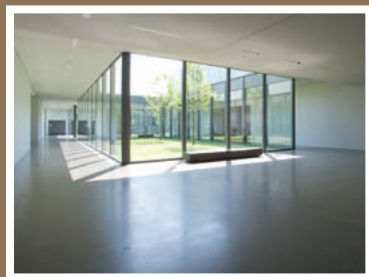
TerrazzoBasic can be installed in any floor build up scheme, whether bonded, unbonded or floating construction.

The material is also low tension, low shrinkage and perfect for warm water under-floor heating. Suitable for rebuilds and renovations, as well as high-traffic public areas.

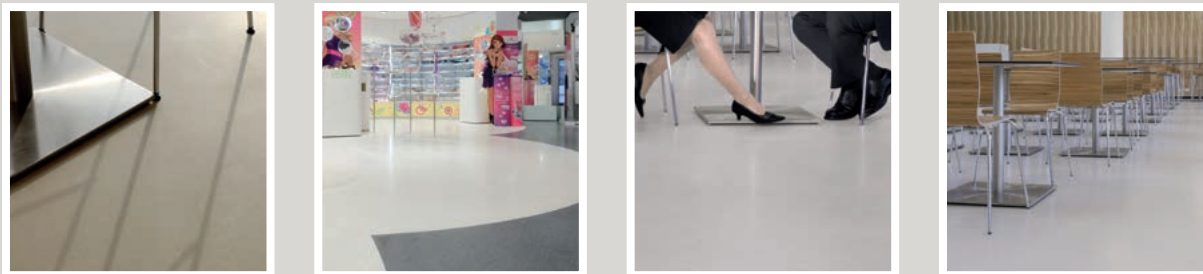
Application

As opposed to traditional terrazzo flooring, PANDOMO® TerrazzoBasic allows extremely fast installation as it is installed with industry standard machines and pumps.

The material is lightweight and can be quickly and easily processed by a mixer and then pumped to the point of placing. After application, the floor is polished and then sealed, all in as little as three days.



The Finer Elegance



Appearance

PANDOMO® TerrazzoMicro shows off the typical natural mineral based terrazzo character, with a significantly finer grain size than traditional terrazzo. The effect is therefore smoother and more discreet. Its reserved elegance fits perfectly into every setting, such as a grand entrance atrium or reception.

PANDOMO® TerrazzoMicro is as robust as traditional terrazzo in terms of compressive strength and abrasion resistance.

Location

PANDOMO® TerrazzoMicro offers the perfect solution for many architectural challenges: during renovations or conversions, as well as in modern rebuilds.

PANDOMO® TerrazzoMicro allows the architect to create plain-coloured surfaces, therefore fitting perfectly into the relevant ambience.

Application

PANDOMO® TerrazzoMicro is a masterpiece from the logistic point of view. It can be handled faster and more easily than other PANDOMO® Terrazzo systems and far faster still than normal Portland cement or resin systems. The product and application properties allow in excess of 300m² to be installed per day.

With PANDOMO® TerrazzoMicro, a terrazzo floor finish is possible from a minimum thickness of 11mm. This makes the product system ideal for refurbishment and renovations, especially with low build-up construction tolerances. The minimal material thickness of PANDOMO® TerrazzoMicro also ensures low material consumption.



A Modernised Classic

Appearance

PANDOMO® TerrazzoPlus is a revolutionary progression of the classical terrazzo technique. It is a stylish, quick and refined alternative to traditional terrazzo flooring.

With PANDOMO® TerrazzoPlus, each individually desired terrazzo floor look can be achieved in a short time and, more importantly, much more efficiently than traditional terrazzo flooring. Its high strength and rapidly trafficable binder system is perfect for creating large-scale and seamless surface design for highly frequented areas with an elegant and high-quality atmosphere.

Location

PANDOMO® TerrazzoPlus offers a polished and individual classic terrazzo look, and a cool, natural mineral and cement feel, rather than the artificial and plastic feel or a resin based system. It creates an easy to maintain, almost jointless polished floor, and offers extremely high resistance to abrasion and traffic, starting from a minimum thickness of 25mm. This makes it ideal for use in heavily trafficked environments such as airports, retail outlets, shopping malls, university departments, corporate headquarters, hospitals, very high end residential projects and luxury car show rooms.

Application

PANDOMO® TerrazzoPlus can be fully installed and ready to use in only five days from the floor base to the finished PANDOMO® surface. As a result this means a time saving of up to 6 weeks compared to traditional construction.

The ideal working properties, early strength gain and quick installation methods of PANDOMO® TerrazzoPlus means that, with coverage of approximately 120m² per day, it is a unique, efficient solution that suits your flooring needs.



Case Study: Renovation of new Monsoon store in Wimbledon

Founded in 1973 and operating two international retail clothing chains, Monsoon Accessorize is a London brand with a highly distinctive identity, striving to bring hand-crafted and folk-inspired fashion to London. Today, the London-based retailer has over 400 Monsoon and Accessorize stores in the United Kingdom and over 1000 throughout the world.

In June 2014, as the world's greatest tennis players descended on centre court, Monsoon prepared for the opening of a brand new store in the Wimbledon area. The shop was to feature an intricate Persian rug design etched into the floor, and required the merging of two existing shops to create a more spacious store.

Selected as the exclusive supplier for both the renovation of the existing, and creation of the finished floor was ARDEX UK, manufacturer of high performance speciality building materials, and the brand choice for installers and distributors throughout the construction industry.

To create the Persian rug design ARDEX specified PANDOMO®. PANDOMO® by ARDEX creates a decorative, seamless and very hard wearing surface solution for floors, walls and ceilings, and allows all surfaces to be designed with consistency of colour and finish in mind.

Despite complex requirements, ARDEX were able to provide support on the complete job, from substrate preparation, to the laying of the finished floor, and final maintenance and cleaning. Aware of the level of difficulty this job entailed, ARDEX recommended the use of Lasercroft Ltd, a specialist applicator for flooring systems. Lasercroft are fully trained PANDOMO® installers so could implement both the preparation and application of the PANDOMO® floor.

Adrian Ashby, Business Development Manager of PANDOMO® UK at ARDEX, explains: "The original brief was to complete the application and finishing of the PANDOMO® flooring, as well as the installation of the Persian rug artwork within two weeks. The store was to open in line with the opening of

the Wimbledon Tennis Championships and there was no room for compromise on this.

"The pre-levelling works to merge the two existing shops was an unforeseen task. The two floors were different types, age and levels, and fundamental work had to be carried out to create an equal starting point before work could begin on the design of the floor."

James Carmichael, Applicator at Lasercroft Ltd, commented: "These additional works added to the client's schedule which could have affected the store opening, but with the Wimbledon Tennis Championships about to begin this wasn't an option. The ARDEX fast-track screed ARDEX A 38 Rapid Hardening and Drying Screed was therefore an invaluable product, allowing the work to be carried out within the allocated time, and without jeopardising the final results."

"Workers were walking over the levelled floor just three hours after applying ARDEX A 38 ensuring work could continue at a pace necessary to meet the two week deadline, and the PANDOMO® floor was laid in just three days. The seamless finish created a spacious feel throughout the store, fast installation significantly cut down working time, and its increased resistance to wear and scratching made it the ideal flooring for a highly-trafficked Monsoon store."

James concluded: "The technique for installing the artwork was developed specifically for this project, demonstrating the level of difficulty associated with this job. The premium quality and fast drying characteristics of the ARDEX products were therefore fundamental in ensuring the store opened on time, and the aesthetics of the PANDOMO finished floor ensured the job was completed to a standard worthy of a leading fashion retailer."

The Monsoon store opened in line with the Wimbledon Tennis Championships, ready to not only withstand the influx of London shoppers, but to wow them with the intricacy of the finished Persian rug artwork.



Wall/Floor/FloorPlus/Loft Colours

ARDEX PANDOMO® offers the ideal selection of colours. There are five ranges of colours: light, natural, pure, bright and accent. The PANDOMO® colour schemes combine tradition, nature and trends to offer a valuable guide when choosing colours.

Each shade can be individually changed to offer the perfect flooring solution for any flooring design.

Light

Light coloured walls enhance a room's visual appeal and have a stimulating effect on our mood. **Possible applications:** Its versatility allows it to be used in both public and private buildings that have a modern and elegant character. The discreet colours lend themselves to large areas of wall. **Lifestyle:** contemporary. **Associations:** vigour, practicality.

Natural

The muted colours of the natural shades create a sense of security. In the room these colours often have the effect of diffused, soft daylight. **Possible applications:** versatile, usable predominantly in private rooms or superior country house-style restaurants. **Lifestyle:** country house. **Associations:** timelessness, tranquil security.

Pure

Muted grey colours are similar to the colours that we find in nature. They appear “genuine” and accentuate the characteristics of rooms, shapes and other colours. **Possible applications:** modern high rise buildings, lofts, minimalistic furnishing styles, new modernity, design-oriented living. **Lifestyle:** loft, minimalism. **Associations:** reduction, elegant reserve.

Bright

The theme running through these colours is joy at being alive. **Possible applications:** colour accents for cheerful living rooms, creative working atmosphere, nurseries, schools, hospitals, physical recreation, single walls. **Lifestyle:** Mediterranean. **Associations:** encounter, friendliness.

Accent

A confident colour accent stimulates the human imagination. Saturated colours have a markedly energising or exciting effect. **Possible applications:** accent colours for the contemporary vision in large areas like shopping centers and hotel foyers. **Associations:** confidence, presentation, media influences.

LIGHT	NATURE	PURE	BRIGHT	ACCENT
<div>This shade is only suitable for PANDOMO® Wall</div> <div>10/1.1</div>	<div>10/2.1</div>	<div>PANDOMO® Wall W3 10/3.1 and PANDOMO® Floor K3 10/3.1 are available pre-coloured.</div> <div>10/3.1</div>	<div>10/4.1</div>	<div>10/5.1</div>
<div>10/1.2</div>	<div>10/2.2</div>	<div>10/3.2</div>	<div>10/4.2</div>	<div>10/5.2</div>
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<div>10/1.4</div>	<div>10/2.4</div>	<div>10/3.4</div>	<div>10/4.4</div>	<div>10/5.4</div>
<div>10/1.5</div>	<div>10/2.5</div>	<div>10/3.5</div>	<div>10/4.5</div>	<div>10/5.5</div>
<div>10/1.6</div>	<div>10/2.6</div>	<div>10/3.6</div>	<div>10/4.6</div>	<div>10/5.6</div>

TerrazzoBasic/Micro/Plus

panDOMO® TerrazzoBasic

PANDOMO® TerrazzoBasic consists of a newly-developed, very low tension grey or white binding agent, along with mineral aggregates from the local area. This new flooring system has a much more lively design compared to traditional terrazzo floors.

PANDOMO® TerrazzoBasic is applied as either a bonded finished floor system at 25mm or as an unbonded system from 50mm and thicker. The floor can be laid and finished much faster than a traditional Portland cement based terrazzo system.

PANDOMO® TerrazzoBasic is compatible with machines and pumps. PANDOMO® TerrazzoBasic white needs to be worked by a forced-action mixer. After application, the floor is sanded down numerous times, polished and then coated.

Mineral gradings from the local area are incorporated. The addition of regional sand creates unique floor surfaces.

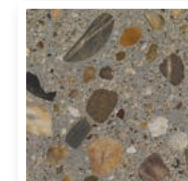
panDOMO® TerrazzoMicro & Plus

The floor surfaces of PANDOMO® TerrazzoPlus and PANDOMO® TerrazzoMicro systems are made up of two components: a very low tension and fast-drying binder with an improved early strength, and a decorative aggregate made of various mineral aggregates.

Both systems were developed with a special binding agent matrix in black and white. The white matrix can be coloured by adding particular powder pigments. PANDOMO® is therefore able to offer an amazing range of designs in a terrazzo look.

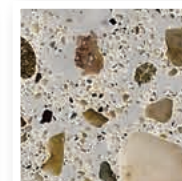
All PANDOMO® decorative gradings are produced from limestone or marble. These types of stone have been used in architecture, art and sculpture since ancient times. The choice and density of the aggregate decisively define the impression of the PANDOMO® terrazzo floor. The PANDOMO® TerrazzoPlus system offers six different decorative aggregates, Nero, Bianco, Bianco-Rosé, Rosso, Marrone-Ocra and Grigio-Chiaro, in three sizes: fine, medium fine and medium rough. Only the finest aggregate is used for the PANDOMO® TerrazzoMicro system.

panDOMO® TerrazzoBasic



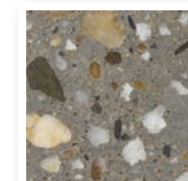
B 2.01*

PANDOMO® BG and Rhine-sand
0 – 8 mm



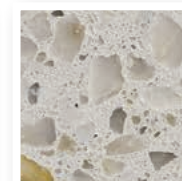
B 1.07

PANDOMO® BW and Rhine-sand
0 – 8 mm



B 2.05

PANDOMO® BG + PANDOMO® TG Bianco 3 – 8 mm and Rhein-sand 0 – 8 mm



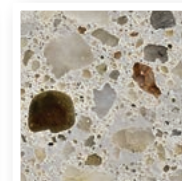
B 1.09

PANDOMO® BW and Frankfurt quartz 0 – 8 mm



B 2.15

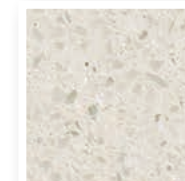
PANDOMO® BG and quartz white 0 – 8 mm



B 1.34

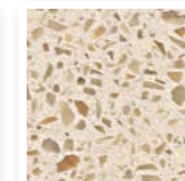
PANDOMO® BW and river sand 0 – 8 mm

panDOMO® TerrazzoMicro



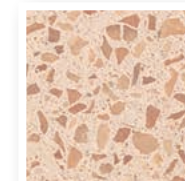
M 1.305

PANDOMO® MW and PANDOMO® TG Bianco 1 – 3 mm



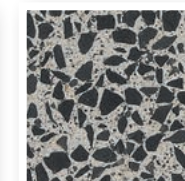
M 1.311

PANDOMO® MW and PANDOMO® TG Marrone-Ocra 1 – 3 mm



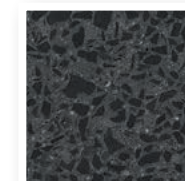
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PANDOMO® MW and PANDOMO® TG Rosso 1 – 3 mm



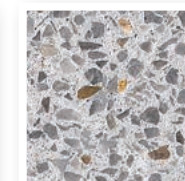
M 1.304

PANDOMO® MW and PANDOMO® TG Nero 1 – 3 mm



M 2.310

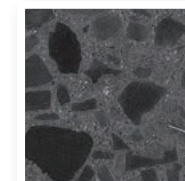
PANDOMO® MB and PANDOMO® TG Nero 1 – 3 mm



M 3.409

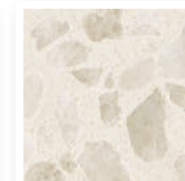
PANDOMO® MB and PANDOMO® MW TG Grigio-Chiaro 1 – 3 mm

panDOMO® TerrazzoPlus



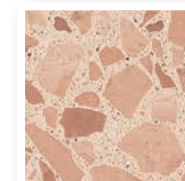
P 2.104

PANDOMO® PB and PANDOMO® TG Nero 3 – 5 mm and 6 – 9 mm



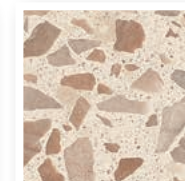
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PANDOMO® PW and PANDOMO® TG Bianco 3 – 8 mm



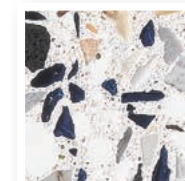
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PANDOMO® PW and PANDOMO® TG Rosso 3 – 5 mm and 6 – 9 mm



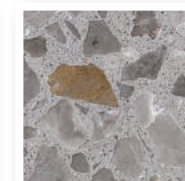
P 1.112

PANDOMO® PW and PANDOMO® TG Marrone-Ocra 3 – 5 mm and 6 – 9 mm



P 1.149

PANDOMO® PW and special grain



P 3.182

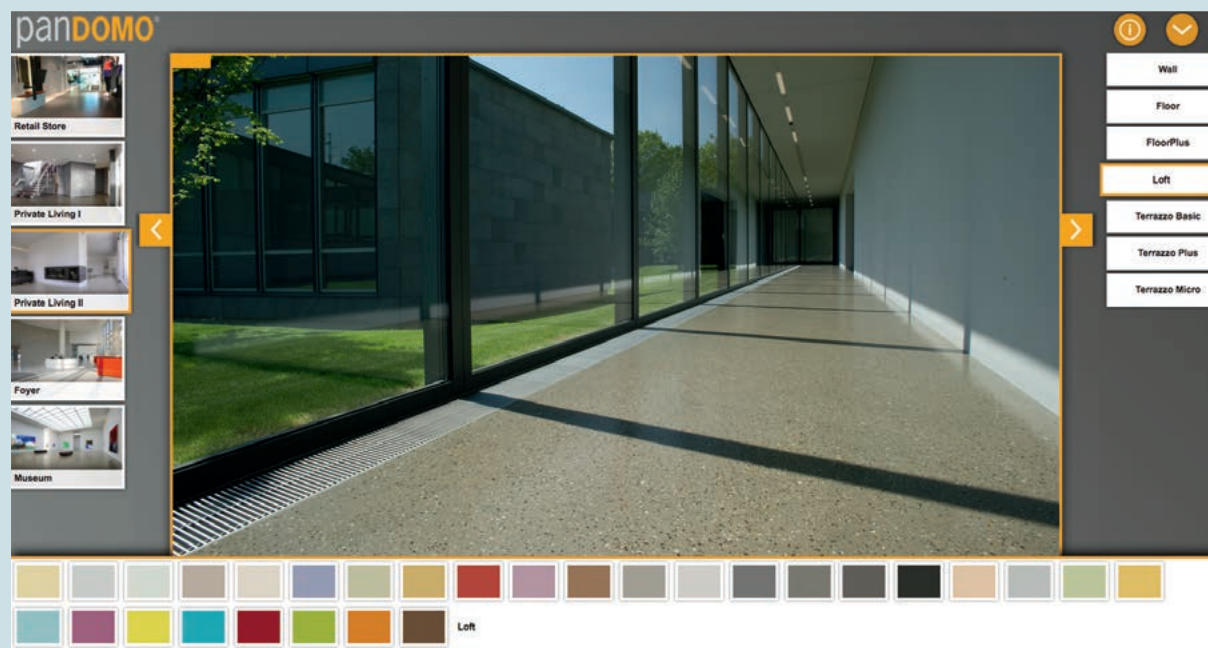
PANDOMO® PB and PW PANDOMO® TG Grigio-Chiaro 3 – 5 mm and 5 – 7 mm

*Readily available samples. All other colours are bespoke and can be obtained upon request.

panDOMO® Online Design Tool

ARDEX PANDOMO® has developed an online design tool to help you create your own designs with PANDOMO® products, at <http://designtool.ardex-pandomo.com/>

Choose your environment and experiment with different design and colour combinations of the PANDOMO® Wall, Floor, FloorPlus, Loft, TerrazzoBasic, TerrazzoPlus, TerrazzoMicro palettes.



<http://designtool.ardex-pandomo.com/>

Find an installer at www.ardex-pandomo.com



