

panDOMO®



Polished Concrete Systems

The PanDOMO® range of systems 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 downtime, making it an economical alternative to traditional materials.

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

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

Summary

PanDOMO® Systems	Main Features	Application Thickness
Floor & FloorPlus	PanDOMO® Floor & FloorPlus is a levelling compound that creates a finished surface with the appearance of polished concrete and unique subtle sweeps and lines. Available in concrete grey or it can be pigmented to create a colour of your choice for a bespoke look. Apply by pouring and smoothing, followed by sanding and sealing the next day.	5mm - 10mm
Loft	PanDOMO® Loft is a levelling compound that creates a finished surface, it has the appearance of polished concrete. Ultra-thin, hard-wearing and highly textured. Available in multiple colours. Applied in two coats, allow to dry overnight, followed by sanding and sealing the next day.	2mm - 4mm
Wall	PanDOMO® Wall is a thin coat render that can be used on walls and ceilings. PanDOMO® Wall can create the appearance of polished concrete or natural stone, a smooth or highly textured finish can be achieved, and in multiple colours. Colours can be mixed to give multiple effects. Apply by troweling in one or two coats, followed by sanding and sealing, dry and ready for use within a day.	2mm - 20mm
TerrazzoBasic	PanDOMO® TerrazzoBasic is ideal if you would like to create a traditional terrazzo floor with an individual touch using local or personally selected aggregates. Use 0 - 8mm local sand. Can be used to create large bays for fast track installations. Colour and pattern will depend on the sand colour used. Grind, polish and seal within two days and ready to use immediately.	25mm - 80mm
TerrazzoMicro	PanDOMO® TerrazzoMicro has a significantly finer grain size than traditional terrazzo, for a smooth, discreet floor finish. Available in black or white, it can also be pigmented. Use 1 - 3mm chippings. Grind, polish and seal within two days, ready to use immediately.	12mm - 40mm
TerrazzoPlus	PanDOMO® TerrazzoPlus offers the classic terrazzo look. Available in black or white, it can also be pigmented. Use 3-10mm aggregate. Ideal for large seamless areas or it can be cast into panels or tiles. Grind, polish and seal within two days and ready to use immediately.	25mm - 50mm

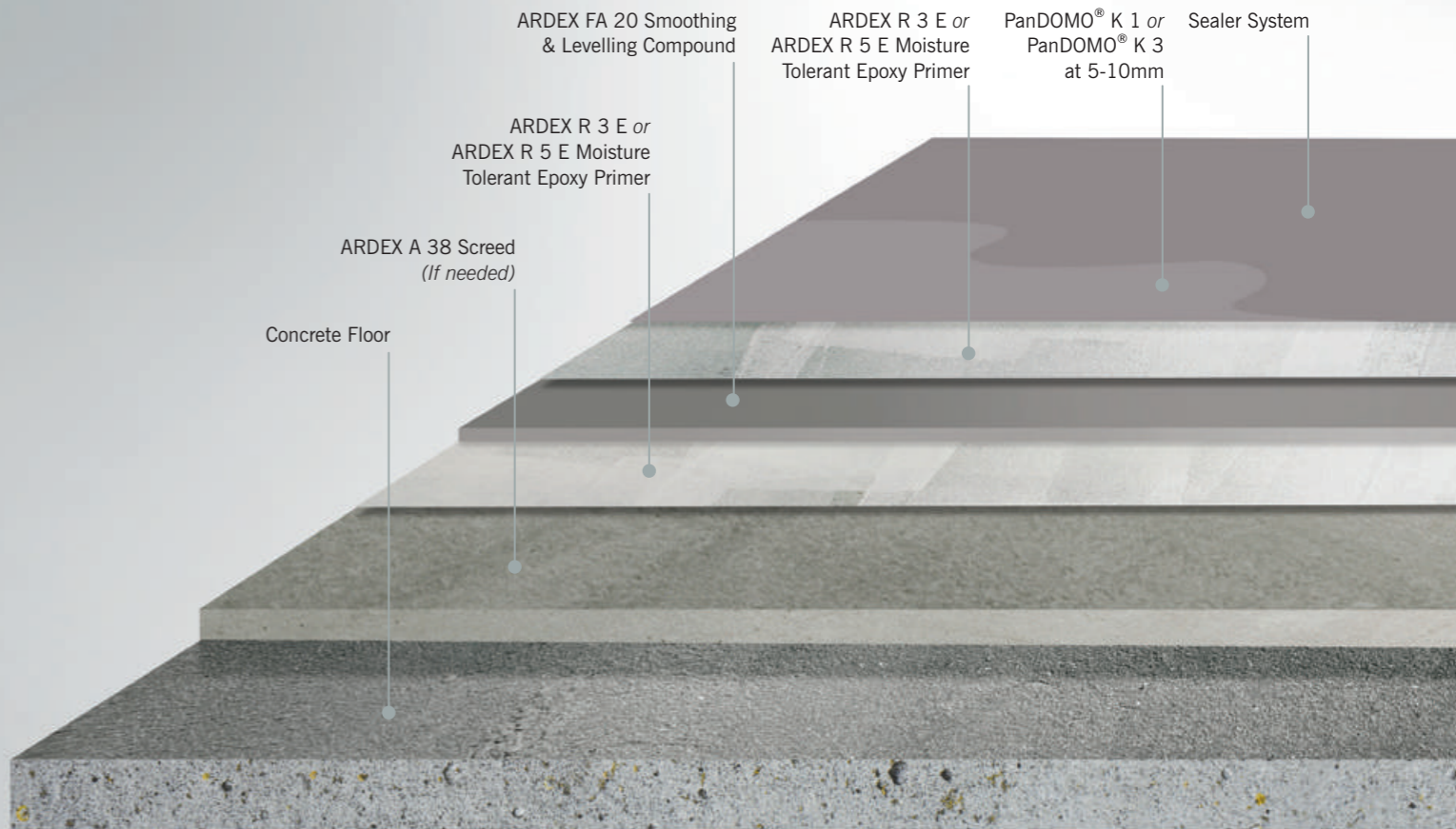
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Floor & FloorPlus

PanDOMO® Floor and FloorPlus are cement-based floorcoverings which allow an almost unlimited range of designs and colours. You can create the appearance of polished concrete with unique subtle sweeps and flow lines. With the PanDOMO® Floor range, seamless and joint-free floors can be achieved giving a spacious feel. PanDOMO® FloorPlus incorporates an aggregate to create a tougher surface, which increase the resistance to wear and scratching, and gives a slightly speckled effect. Apply by pouring, followed by sanding and sealing the next day.



PanDOMO® Floor & FloorPlus Specification



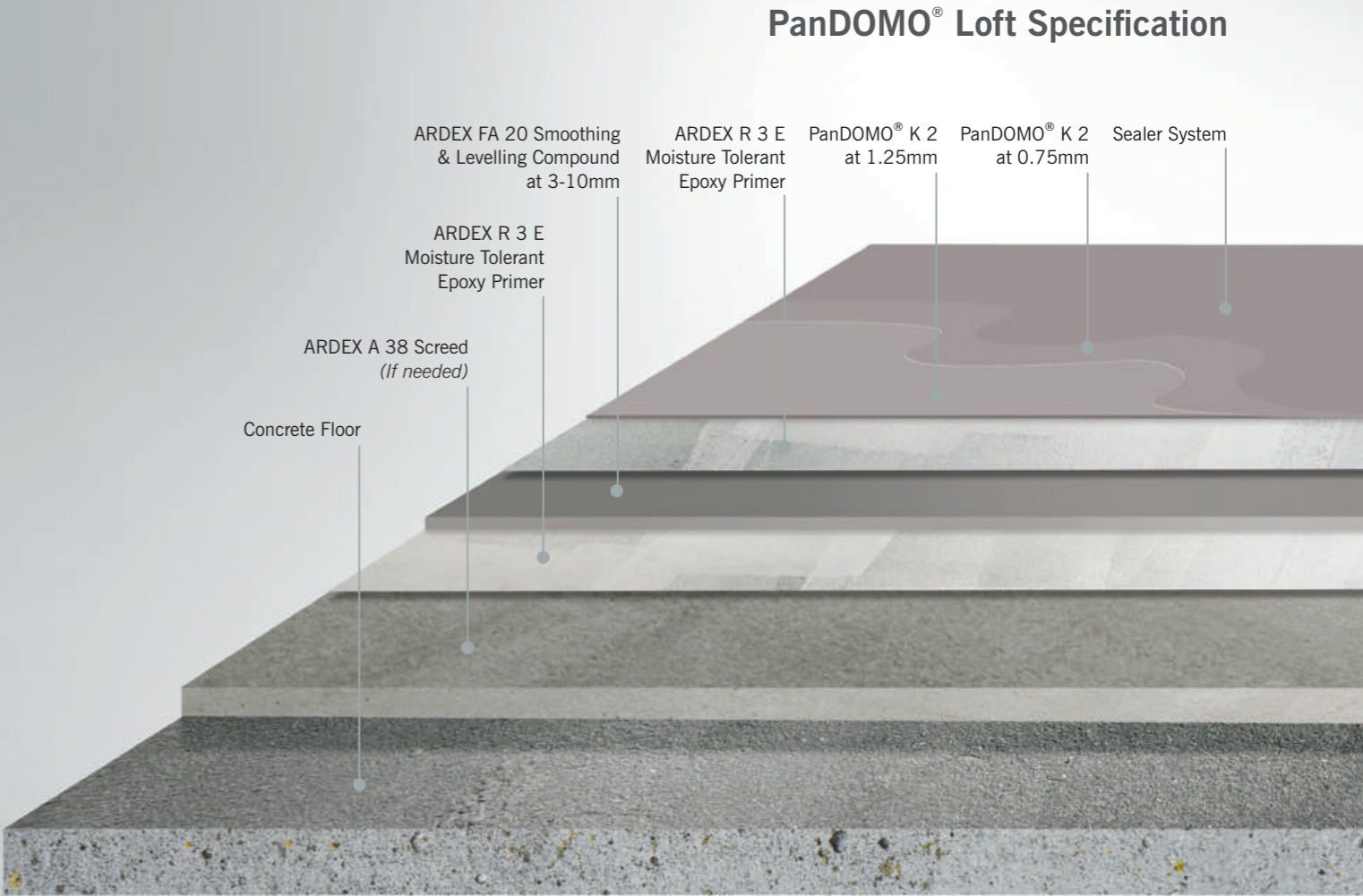
System: PanDOMO® Floor & FloorPlus
Product: PanDOMO® K 1 or PanDOMO® K 3



Test	Test standard	Time elapsed	Result
Application thickness	–	–	5 – 10 mm
Walkability (+20°C)	–	–	After 3 hours
Compressive strength	EN196, Part 1	After 1 day After 7 days After 28 days	Appr. 13.0 N/mm ² Appr. 20.0 N/mm ² Appr. 30.0 N/mm ²
Tensile bending strength	EN196, Part 1	After 1 day After 7 days After 28 days	Appr. 3.0 N/mm ² Appr. 5.0 N/mm ² Appr. 8.5 N/mm ²
Fire behaviour	DIN EN 15301.1	Fire classification	A2 _{fl} -s1
Resistant to chair casters			Yes
Suitable with underfloor heating	Yes: Hot water underfloor heating systems		

Applications over hot water underfloor heating systems will require the use of ARDEX E 25 with PanDOMO® K 1 or PanDOMO® K 3.
Please refer to the product datasheet for further information.

PanDOMO® Loft is a cement-based floorcovering, available in multiple colours. With its unique ultra-thin application properties, it's the ideal solution for eliminating the problem of height adjustment of doors and fixtures. PanDOMO® Loft is applied at just 2mm, and this strong floorcovering can withstand continual wear and traffic. It is not only reliable and impressive but also blends into almost every living or working area without being too dominant or interfering with other elements. Available in multiple colours. Applied in two coats, allow to dry overnight, followed by sanding and sealing the next day.



System: PanDOMO® Loft

Product: PanDOMO® K 2 Design

GEYEMICODE

ECI

very low emission

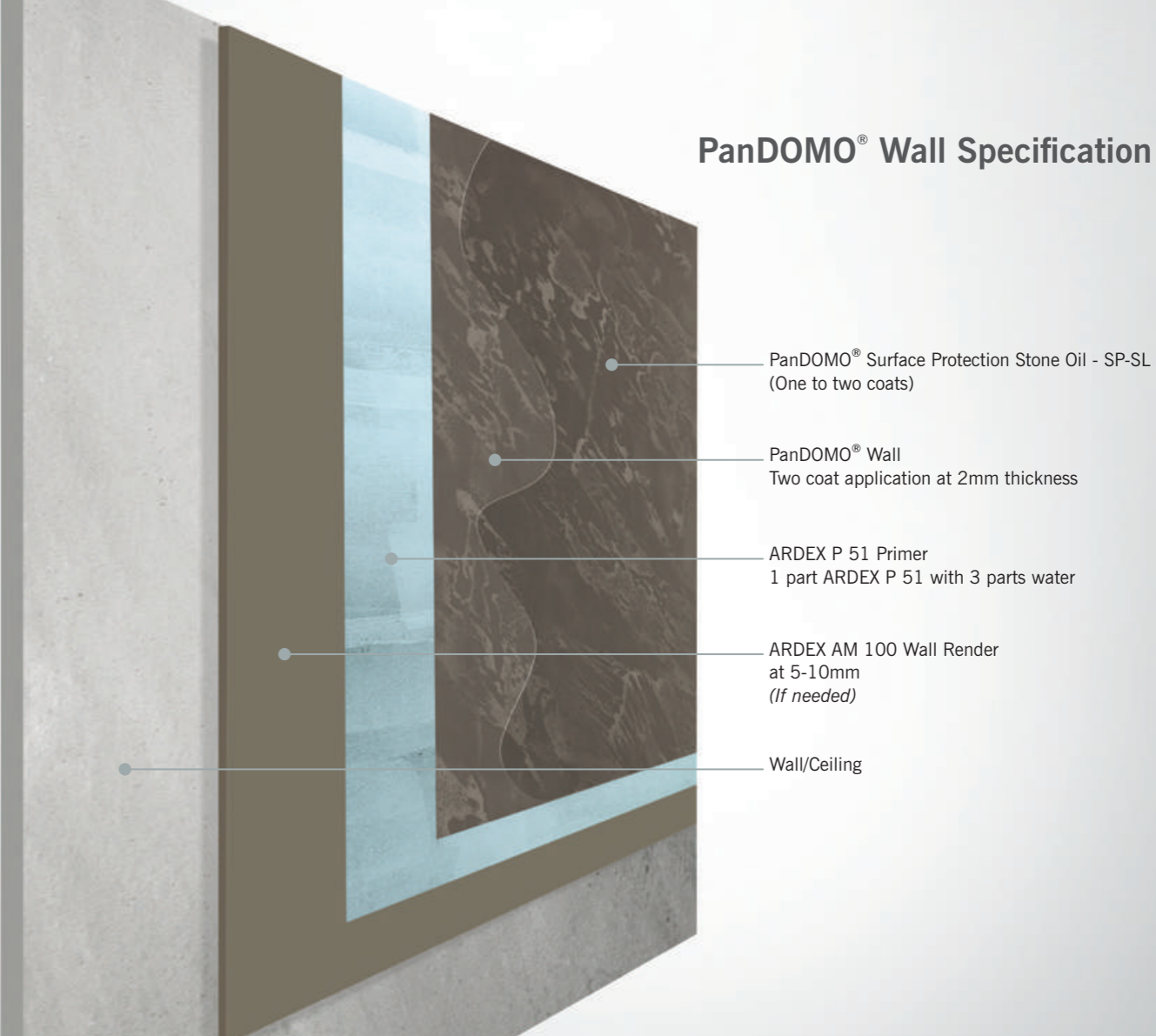
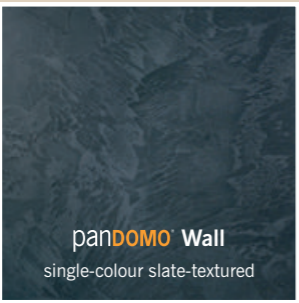
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FORMULA

Test	Test standard	Time elapsed	Result
Application thickness	–	–	2 – 4 mm
Walkability (+20°C)	–	–	After approx. 2 hours
Compressive strength	EN196, Part 1	After 1 day After 7 days After 28 days	Appr. 16.0 N/mm ² Appr. 23.0 N/mm ² Appr. 32.0 N/mm ²
Tensile bending strength	EN196, Part 1	After 1 day After 7 days After 28 days	Appr. 4.0 N/mm ² Appr. 6.0 N/mm ² Appr. 10.0 N/mm ²
Fire behaviour	DIN EN 15301.1	Fire classification	A2 _{fl} -s1
Resistant to chair casters			Yes
Suitable with underfloor heating Yes: Hot water underfloor heating systems			

Applications over hot water underfloor heating systems will require the use of ARDEX E 25 with PanDOMO® K 1 or PanDOMO® K 3.
Please refer to the product datasheet for further information.

PanDOMO® Wall is a specialist render that can be used on walls and ceilings. Walls can now become a creative canvas for individual designs, from subtle accents to bold statements. PanDOMO® Wall can create the appearance of polished concrete or natural stone and a smooth or highly textured finish can be achieved. By combination of textures and tones, the design possibilities are endless. PanDOMO® Wall can be applied in a bathroom but not in a shower cubicle. Available in multiple colours. Apply by trowelling in one or two coats, followed by sanding and sealing, dry and ready for use within a day.



System: PanDOMO® Wall
Product: PanDOMO® W 1 or W 2



Test	Test standard	Time elapsed	Result
Application thickness	–	–	2 – 20 mm
Reworking (+ 20°C)	–	–	After 1 hour
Compressive strength	–	After 1 day After 7 days After 28 days	Appr. 4.5 N/mm ² Appr. 8.0 N/mm ² Appr. 13.0 N/mm ²
Tensile bending strength	–	After 1 day After 7 days After 28 days	Appr. 1.5 N/mm ² Appr. 3.0 N/mm ² Appr. 5.0 N/mm ²
Steam diffusion coefficient μ	DIN 53122 (total system)		Appr. 210

Please refer to the product datasheet for further information.

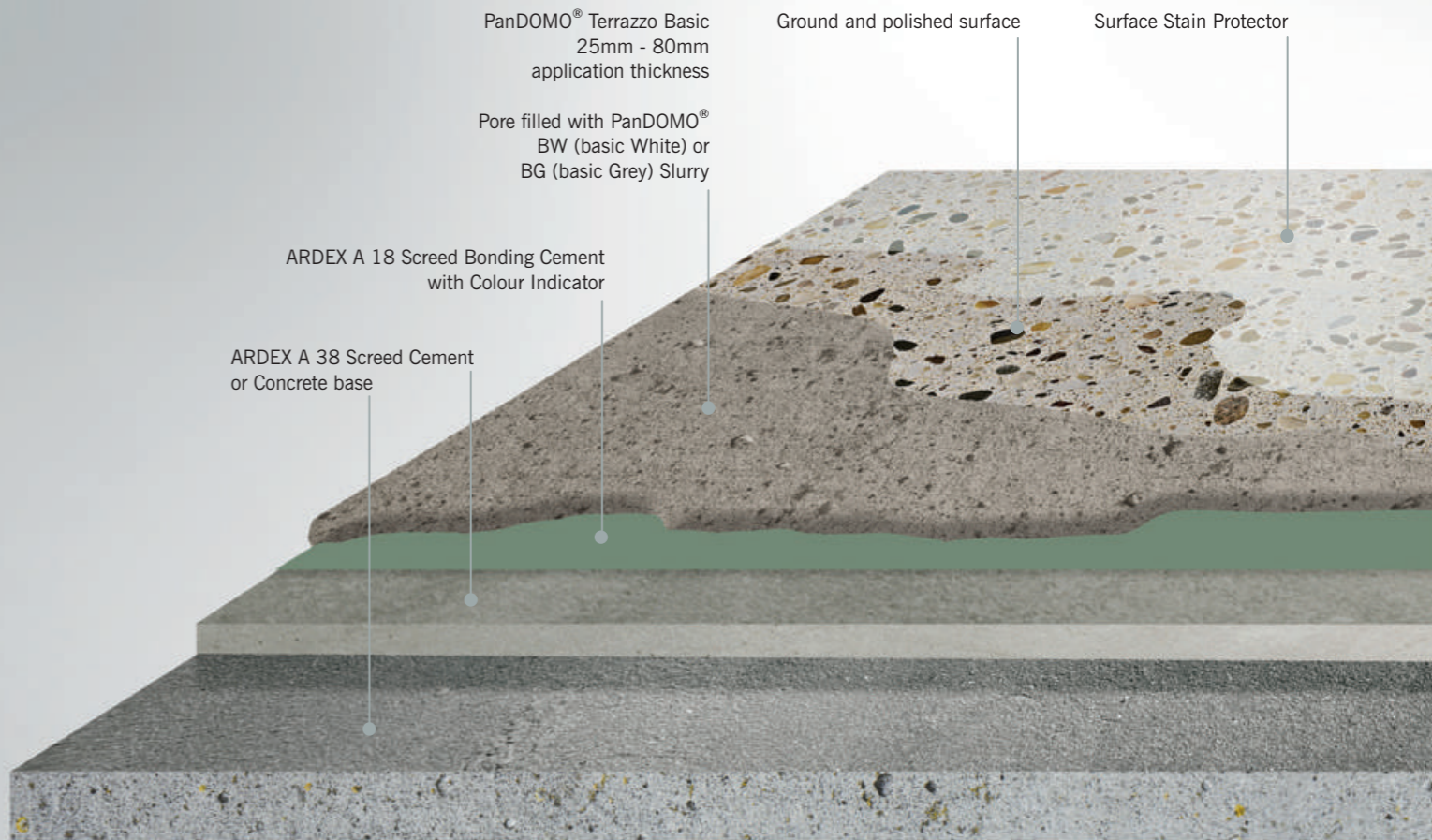
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TerrazzoBasic

PanDOMO® TerrazzoBasic has a natural stone 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 an individual touch of the local element thanks to the addition of local or selected aggregates. The floor can be laid and finished in just a few days, much faster than a traditional portland cement based terrazzo systems. Grind, polish and seal within two days and ready to use immediately.



PanDOMO® TerrazzoBasic Specification



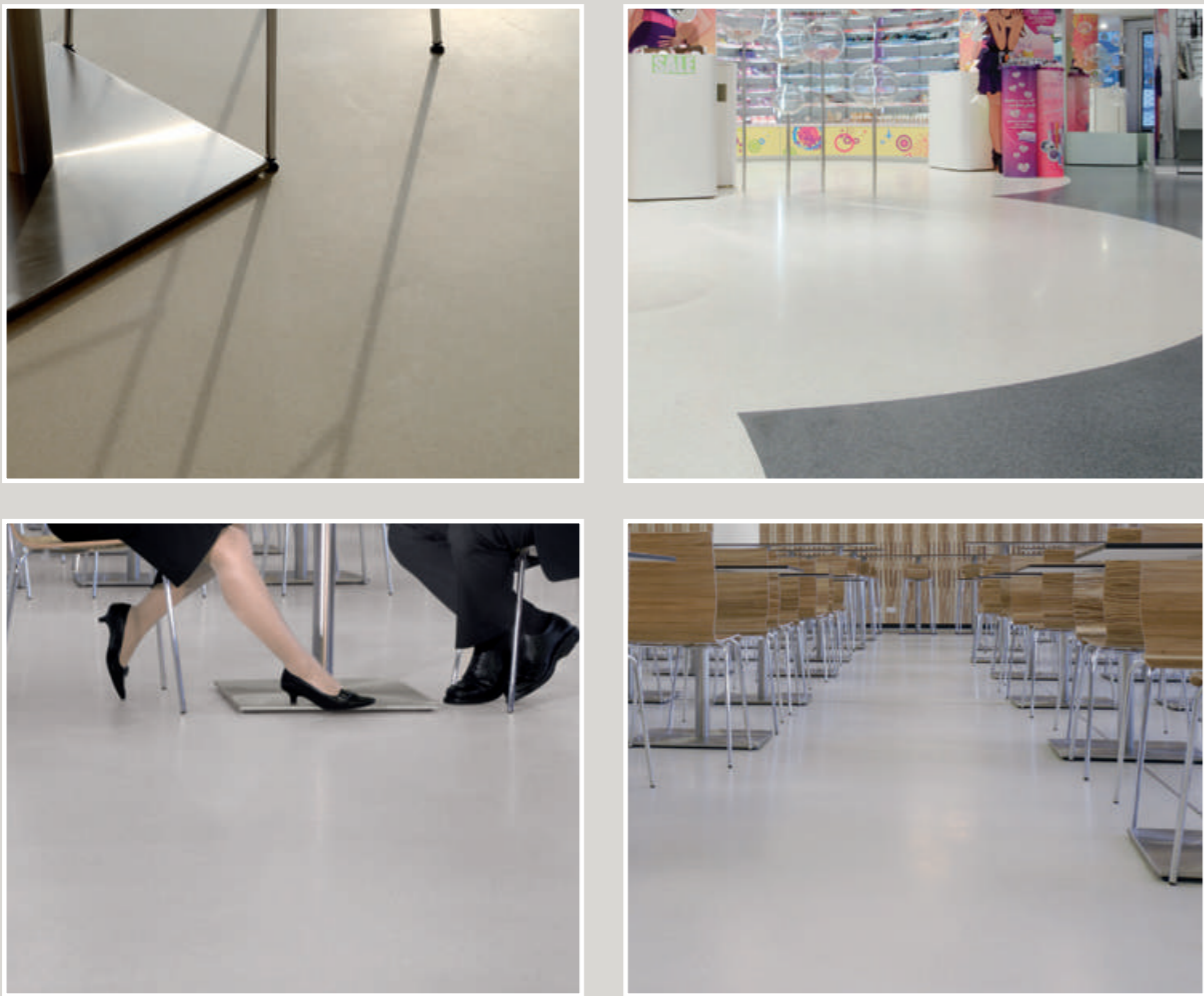
System: PanDOMO® TerrazzoBasic
Product: PanDOMO® BW White
PanDOMO® BG Grey



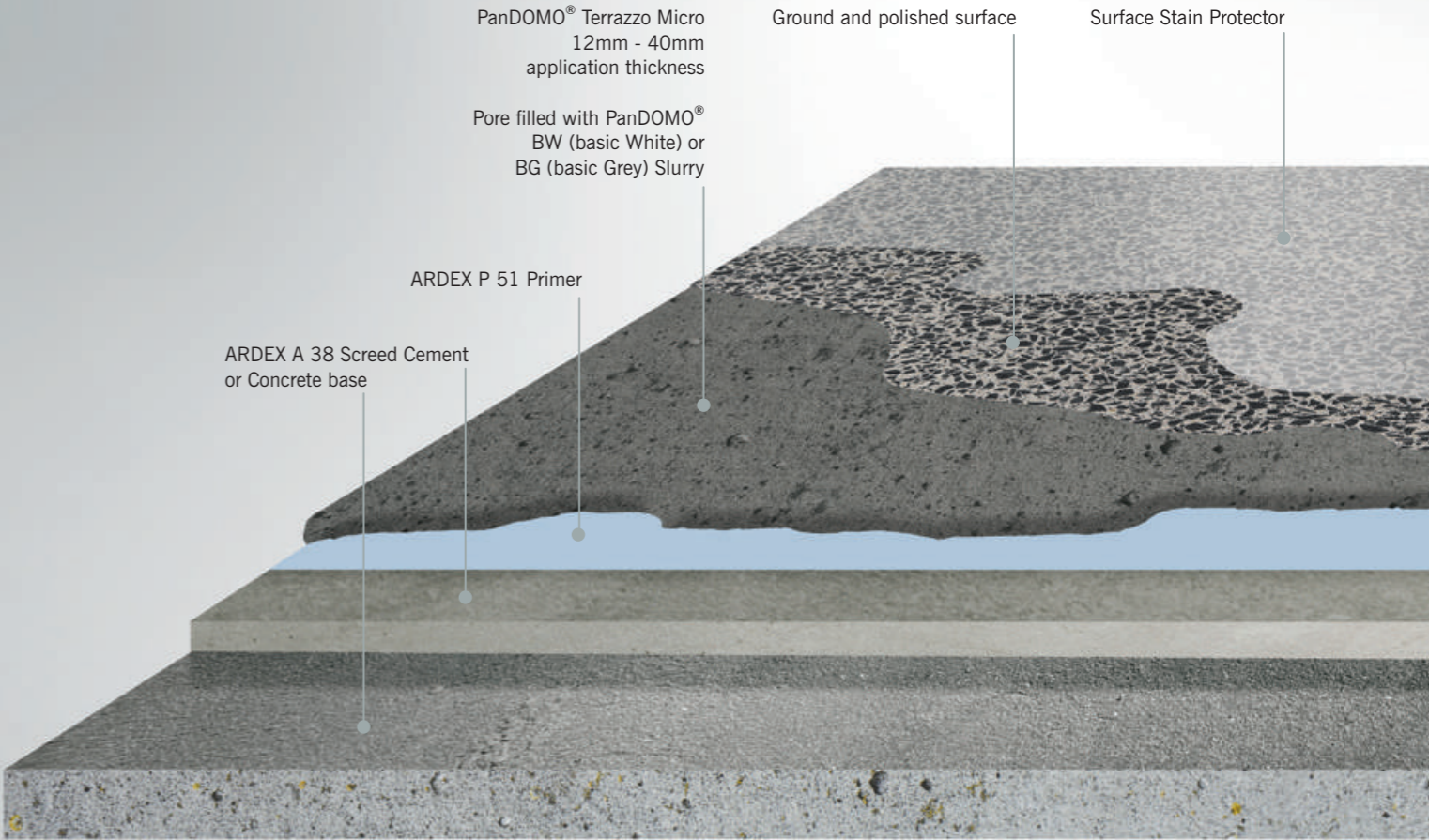
Test	Test standard	Time elapsed	Result BW	Result BG
Application thickness	–	–	From 25 mm	From 25 mm
Walkability (+20°C)	–	–	After 12 hours	After 8 up to 12 hours
Grindability (+20°C)	–	–	After 36 hours	After 36 up to 48 hours
Compressive strength	EN 196, Part 1	After 1 day	Appr. 20.0	Appr. 25.0 N/mm ²
		After 7 days	Appr. 35.0	Appr. 35.0 N/mm ²
		After 28 days	Appr. 45.0	Appr. 40.0 N/mm ²
Tensile bending strength	EN 196, Part 1	After 1 day	Appr. 3.0	Appr. 4.0 N/mm ²
		After 7 days	Appr. 4.5	Appr. 4.5 N/mm ²
		After 28 days	Appr. 5.5	Appr. 5.0 N/mm ²
Fire behaviour			Fire classification A1	Fire classification A1
Resistant to chair casters	DIN EN 13501-1		Yes	Yes
Suitable with underfloor heating	Yes: Hot water underfloor heating systems			

Use 0 - 8mm local sand. The colour/pattern will depend on the colour of the sand used. Please refer to the product datasheet for further information.

PanDOMO® TerrazzoMicro shows off the natural mineral based terrazzo character, with a significantly finer grain size than traditional terrazzo. The effect is therefore more subtle and discreet. Its reserved elegance fits perfectly into every setting. PanDOMO® TerrazzoMicro is as robust as traditional terrazzo in terms of compressive strength and abrasion resistance. Grind, polish and seal within two days and ready to use immediately.



PanDOMO® TerrazzoMicro Specification



System: PanDOMO® TerrazzoMicro
Product: PanDOMO® MW White
PanDOMO® MB Black



Test	Test standard	Time elapsed	Result MW/MB
Application thickness	—	—	From 12 mm
Walkability (+20°C)	—	—	After 8 hours
Grindability (+20°C)	—	—	After 24 hours
Compressive strength	EN 196, Part 1	After 1 day After 7 days After 28 days	Appr. 30.0 N/mm ² Appr. 40.0 N/mm ² Appr. 45.0 N/mm ²
Tensile bending strength	EN 196, Part 1	After 1 day After 7 days After 28 days	Appr. 4.0 N/mm ² Appr. 4.5 N/mm ² Appr. 5.0 N/mm ²
Fire behaviour	DIN EN 13501-1		Fire classification A1
Resistant to chair casters			Yes
Suitable with underfloor heating	Yes: Hot water underfloor heating systems		

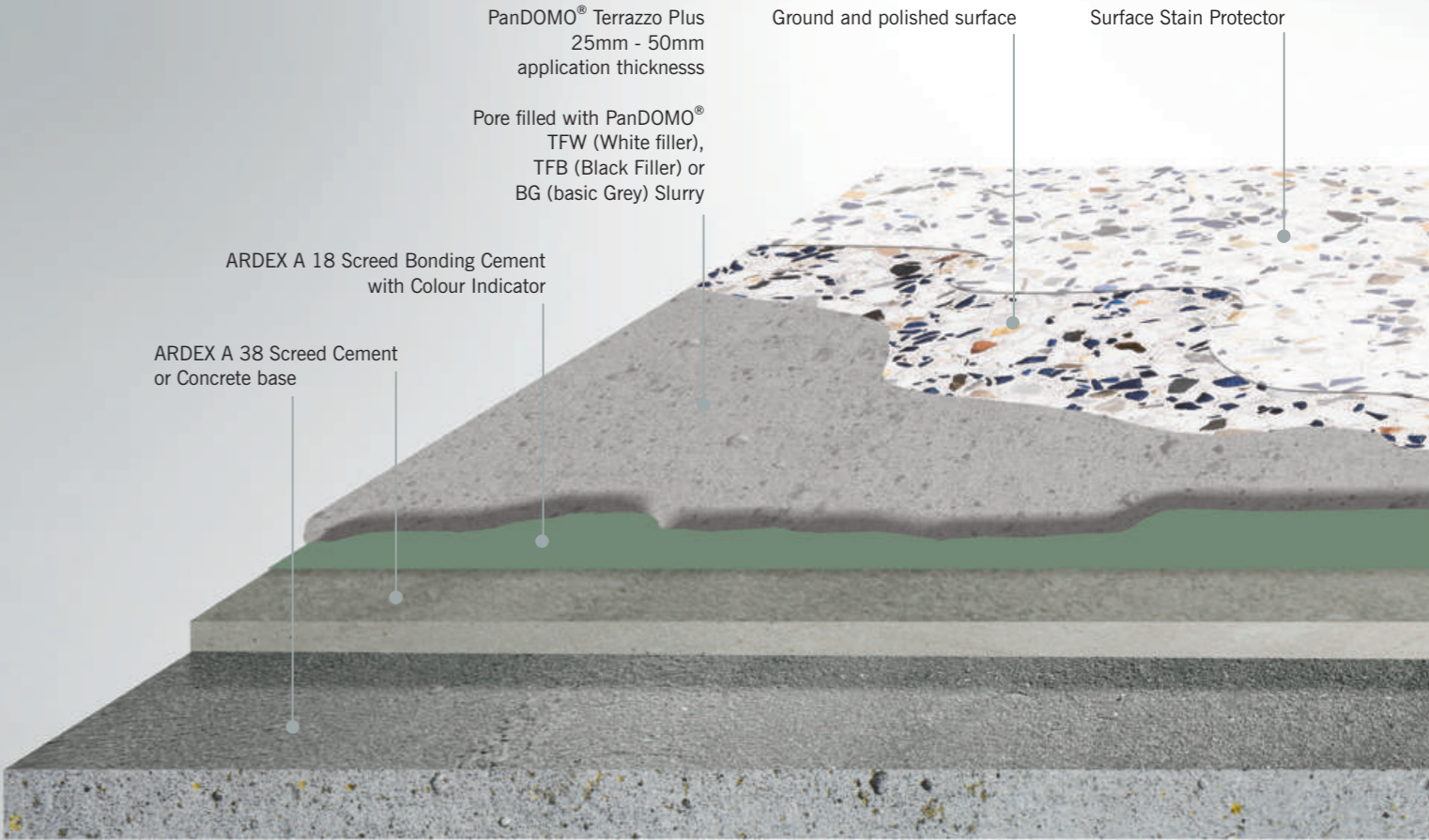
Use 1 - 3mm chippings. The colour/pattern will depend on the colour of the sand/aggregates used.
Please refer to the product datasheet for further information.



PanDOMO® TerrazzoPlus is a stylish fast track alternative to traditional terrazzo flooring. With PanDOMO® TerrazzoPlus each individually desired terrazzo floor look can be achieved, from large-scale seamless floors to tiles or panels. This can all be achieved in a short time and, more importantly, much more efficiently than traditional terrazzo flooring. Designed for high traffic areas with an elegant and high-quality atmosphere. Grind, polish and seal within two days and ready to use immediately.



PanDOMO® TerrazzoPlus Specification



System: PanDOMO® TerrazzoPlus
Product: PanDOMO® PW White
PanDOMO® PB Black

Test	Test standard	Time elapsed	Result PW/PB
Application thickness	—	—	From 25 mm
Walkability (+20°C)	—	—	After 8 hours
Grindability (+20°C)	—	—	After 24 hours
Compressive strength	EN 196, Part 1	After 1 day After 7 days After 28 days	Appr. 40.0 N/mm ² Appr. 50.0 N/mm ² Appr. 60.0 N/mm ²
Tensile bending strength	EN 196, Part 1	After 1 day After 7 days After 28 days	Appr. 5.0 N/mm ² Appr. 6.0 N/mm ² Appr. 6.0 N/mm ²
Fire behaviour	DIN EN 13501-1		Fire classification A1
Resistant to chair casters			Yes
Suitable with underfloor heating Yes: Hot water underfloor heating systems			

Use 3-10mm aggregate. The colour/pattern will depend on the colour of the sand/aggregates used.
Please refer to the product datasheet for further information.

Floor/FloorPlus/Loft/Wall Colours

PanDOMO® by ARDEX offers a vast range of colours, for additional information please refer to our Colour Creations technical guidance document.

SAND	ROCKS	CONCRETE	EARTH
<div>Only available in PanDOMO® Wall</div> <div>PanDOMO® 17/1.1</div>	<div>PanDOMO® 17/2.1</div>	<div>PanDOMO® 17/3.1</div>	<div>PanDOMO® 17/4.1</div>
<div>PanDOMO® 17/1.2</div>	<div>PanDOMO® 17/2.2</div>	<div>PanDOMO® 17/3.2</div>	<div>PanDOMO® 17/4.2</div>
<div>PanDOMO® 17/1.3</div>	<div>PanDOMO® 17/2.3</div>	<div>PanDOMO® 17/3.3</div>	<div>PanDOMO® 17/4.3</div>
OCEAN	GRANITE	BLOOM	
<div>PanDOMO® 17/5.1</div>	<div>PanDOMO® 17/6.1</div>	<div>PanDOMO® 17/7.1</div>	
<div>PanDOMO® 17/5.2</div>	<div>PanDOMO® 17/6.2</div>	<div>PanDOMO® 17/7.2</div>	
<div>PanDOMO® 17/5.3</div>	<div>PanDOMO® 17/6.3</div>	<div>PanDOMO® 17/7.3</div>	

ARDEX cannot accept any responsibility for variations between this sample and the actual colour that an applicator will produce. Once you have chosen your PanDOMO® trained installer please ensure they make a sample before the start of your project, as colours can vary.

TerrazzoBasic/Micro/Plus Colours

panDOMO® TerrazzoBasic

<div>B 2.01*</div> <div>PanDOMO® BG and Rhine-sand 0-8mm</div>	<div>B 1.07</div> <div>PanDOMO® BW and Rhine-sand 0-8mm</div>
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panDOMO® TerrazzoMicro

<div>M 1.305</div> <div>PanDOMO® MW with white grain 1-3mm</div>	<div>M 1.304</div> <div>PanDOMO® MW with black grain 1-3mm</div>	<div>M 2.310</div> <div>PanDOMO® MB with black grain 1-3mm</div>	<div>M 3.409</div> <div>PanDOMO® MB and MW with grey grain 1-3mm</div>
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panDOMO® TerrazzoPlus

<div>P 2.104</div> <div>PanDOMO® PB Nero grain 3-5mm and 6-9mm</div>	<div>P 1.103</div> <div>PanDOMO® PW Bianco grain 3-8mm</div>	<div>P 1.149</div> <div>PanDOMO® PW and special grain, Boud Crushed Granite, MicroBallast Grey</div>	<div>P 3.182</div> <div>PanDOMO® PB and Grigio-Chiaro grain 3-5mm and 5-7mm</div>
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All aggregates can be sourced from Boud Minerals call +44 (0) 1406 351988 or sales@boud.com for further information please visit the boud website: www.boud.com

panDOMO® Surface Protection

Sealing your PanDOMO® system is an essential step to ensure the best possible finish and to guarantee the warranty for your project. Each PanDOMO® system requires a different sealer, please refer to the product datasheet or your PanDOMO® trained installer for further information.

Product Overview

- PanDOMO® SP-GS Gloss Sealer
- PanDOMO® SP-MS Matt Sealer
- PanDOMO® SP-PS Polyurethane Matt Sealer
- PanDOMO® SP-F Pore filler
- PanDOMO® SP-SL Stone Oil

PanDOMO® Systems must be protected from being penetrated by dirt. Regular cleaning and care of the floor is essential in order to ensure that the floor has a long service life.

To ensure correct cleaning, it is necessary to use PanDOMO® cleaning and maintenance products. Please refer to the surface protection guide for full details.

Product Overview

- PanDOMO® SP-CR Maintenance and Repair Cleaner
- PanDOMO® SP-BC Basic Cleaner



ROYAL COLLEGE OF SURGEONS
IRELAND

PanDOMO® TerrazzoPlus

For over 200 years, the Royal College of Surgeons Ireland (RCSI), has played a major role in medical education and training in Ireland. Founded in 1784 to train surgeons, today the College provides extensive education and training in the healthcare professions at undergraduate and postgraduate level.

Henry J Lyons Architects in Dublin required a seamless floor for the RCSI campus refurbishment, which included the entrance, lobbies, stairway and lecture rooms.

PanDOMO® TerrazzoPlus white was selected for this project, with 3-9mm white cararra marble added to create a stylish, fast track alternative to traditional terrazzo flooring.

Products used: ARDEX A 38 Fast Track Screed Cement and PanDOMO® TerrazzoPlus

Contractor: Apex Tailored Floors



National
Surgical & Clinical
Skills Centre

Surgical and Clinical Skills Laboratory
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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.



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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.

Building Information Modelling

The ARDEX BIM objects are linked to the NBS National BIM Library and are available in REVIT and IFC formats.



For the latest and most up to date information and advice please contact:

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Website: www.pandomo.com





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