



FLOORING BROCHURE

PREPARATION / LEVELLERS



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A detailed guide to help select the right preparation product for a project.

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A range of self-smoothing compounds, ensuring the surface is prepared right prior to installing the final decorative finish.

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Charts and codes to assist with specification, ordering and locating Palace products.

PIONEERING PROGRESS SINCE 1978

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ABOUT US

ESTABLISHED IN 1978

Palace Chemicals have had a consistent commitment to investment in innovation, technology and new product development, resulting in what is today one of the most extensive ranges of preparation and levelling products, manufactured to the highest quality standards.

EXTENSIVE PRODUCT RANGE

We offer the most extensive range of Tiling & Flooring products in the UK.

EXPERTLY MANUFACTURED

The quality of the Palace product range is ensured by state-of-the-art manufacturing systems, which offer the required high-volume capacity to deliver Quality products every time.

EXPERIENCED EMPLOYEES

Our high-quality product range is supported by our experienced Sales, Marketing & Technical Teams.

SERVICE AT OUR CORE

We ensure rapid order turnover by maintaining a fully stocked inventory.

BEST IN CLASS

Palace Chemicals' reputation as a reliable and valued trading partner amongst their customers is built on the commitment to consistent delivery.



QUALITY PRODUCTS, TRAINING AND TECHNICAL SUPPORT



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THE PROFESSIONALS' CHOICE
HIGH PERFORMANCE PRODUCTS FOR THE TILING & FLOORING INDUSTRY

EN ISO 45001



OHS 596309

EN ISO 14001



EMS 85788

EN ISO 9001



FM 01010

APPLICATION GUIDE

FLOORING	FLOOR SURFACES						CONDITIONS	
	Cement Sand Screed	Anhydrite Floor Screed	Power Floated Concrete	Floor Grade Backer Board	Existing Tiles	Under Tile Heated Sub Floors	Frequently Wet Areas	Fully Immersed Areas
PREPARATION:								
MULTI-PRIME	P	S	B	P	B	P	P	P
GRIT-PRIME	-	-	B	-	B	B	B	B
I-COAT DPM	#	#	#	#	#	#	#	-
PRO GYP-BASE	-	**	-	-	-	-	-	-

*can be watered down and act as own primer (see technical notes for more information). ** (see technical notes for additional guidance).

Code To Applications

#

No Primer, sealer or additive required on this surface provided it is clean, sound and stable.

P

Porous surface requires **MULTI-PRIME** diluted 1:3 parts water.

S

Seal surface with **MULTI-PRIME**** to prevent incompatibility between surface and powder adhesive.

B

Mix **MULTI-PRIME** with neat OPC and apply as a bonding slurry or use **GRIT-PRIME**.

NB. The absence of a code or # in any of the boxes in the above chart suggests the product is NOT recommended for application on this surface. For advice on surface & substrate types not listed above contact the Palace Technical Helpline on 0151 486 6101.





MULTI-PRIME

PALACE MULTI-PRIME can be used as a primer and sealer to improve the receptiveness of a receiving substrate by either priming, stabilising or sealing prior to the application of a Palace levelling compound or tile adhesive. **PALACE MULTI-PRIME** increases the adhesion and prolongs the flowable working time of a leveller, whilst also improving initial coverage and reducing the occurrence of pin-holes. It can be used on both porous and non-porous surfaces, internally and externally and will assist with optimising adhesion strength and the long-term durability of the bond to the surface substrate. **PALACE MULTI-PRIME** applied over a Calcium Sulphate (Gypsum / Anhydrite) floor screed gives a barrier at the cement to gypsum bond interface, which prevents any adverse reaction between the chemically different compounds.

Primer

Up to 20 square metres per litre

Bonding Slurry

3-5 square metres per litre

Admixture

5-15 litres per 50kg of OPC

Sealer

8-10 square metres per litre

Size
1 / 5 Litre

More Info:

Please scan the QR code for further product information.





GRIT-PRIME

PALACE GRIT-PRIME is a ready to use interior wall & floor primer designed to provide an improved mechanical key to substrates which are of limited porosity or of a very smooth finish. It gives a coarse textured finish and forms a strong bond with impermeable substrates, allowing subsequent coverings to key onto the primed surface to optimise their adhesion to the structure. **PALACE GRIT-PRIME** is effective on substrates such as terrazzo, glazed ceramic tiles and porcelain coverings to strengthen the bond with levelling compounds, adhesives and any other similar fixing systems.

Initial Set Time

1-4 Hours*

Coverage

8-10 m² per litre

Colour

Blue

Ready To Tile

1-4 Hours*

Size

5 Litre

**Dependent on temperature of substrate and site conditions*

More Info:

Please scan the QR code for further product information.





1-COAT DPM

PALACE 1-COAT DPM is a two component surface damp proof membrane and vapour suppressant supplied in an easy to mix Dual Chamber pack, containing a solvent free epoxy resin formulation, suitable for interior and exterior application. This single coat application can be laid over a wide range of substrates including concrete, sand/cement screeds, anhydrite and calcium sulphate screeds. **PALACE 1-COAT DPM** can be utilised as a damp proof membrane where the residual moisture content in a new or existing screed is up to 98% relative humidity (RH). **PALACE 1-COAT DPM** can also be used to protect screeds laid on damp floors where no pre-existing damp proof membrane is in place or where the structural damp proof membrane is ineffective. Once cured, **PALACE 1-COAT DPM** produces a membrane which can accommodate hygrometer readings up to 98% RH on cement-based screeds & still demonstrate bond strength issues. Offers good resistance to water, grease, oil, dilute mineral and organic acids.

Initial Set Time

5-6 Hours*

Pot Life

1 Hour*

Final Cure

8-11 Hours*

Bed Depth

250-300 microns*

**Dependent on temperature of substrate and site conditions*

More Info:

Please scan the QR code for further product information.





PRO GYP-BASE

PALACE PRO GYP-BASE is a multi-component surface sealing & preparation system which is designed to be applied over Anhydrite based floor screeds before they have dried out to the accepted conventional moisture level of 75% RH (0.5% w/w). This product provides a fast-track preparation solution on recently laid anhydrite-based floors which are no more than 95% RH and have been in place for a least 7 days. A single Palace Pro Gyp-Base kit provides sufficient materials to prepare a 25m² floor area. Any project over 150m² will need prior agreement with the Palace Technical Team. The **PALACE PRO GYP-BASE** kit consists of the following components, with each product essential to ensuring that the prepared anhydrite surface will be ready to receive tiles soon after installation.

Pro Gyp-Base

2 Part Epoxy Primer part 1a & 1b - Clear

Pro Gyp-Base

2 Part Epoxy Primer part 2a & 2b - Black

Pro Gyp-Base

Moisture Suppressant Coat part 3 - Pink

Pro Gyp-Base

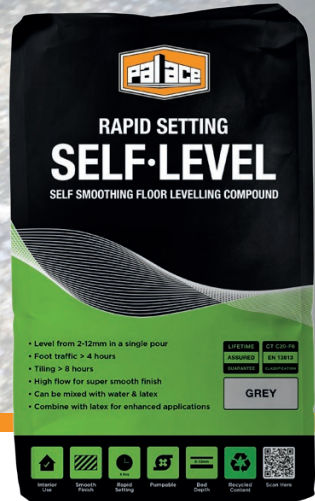
Gritted Textured Primer part 4 - Yellow

Size
15KG

More Info:

Please scan the QR code for further product information.





SELF-LEVEL

PALACE SELF-LEVEL is a protein free, cement-based sub-floor smoothing underlayment that has been formulated to provide a consistent, level finish to solid sub-floors from 2-12mm prior to laying ceramic or decorative floor coverings. **PALACE SELF-LEVEL** provides the ideal properties for application to masonry-based floor surfaces such as tamped or worn concrete and sand/cement floor screeds.

Conforms to EN 13813 CT C20-F6

Foot Traffic
4 Hours*

Ready To Tile
8 Hours*

**Dependent on temperature of substrate and site conditions*

Working Time
30 Mins*

Bed Depth
Up To 12mm*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Flooring grade asphalt
Epoxy DPM

Anhydrite screeds

Must be correctly prepared
(when used with the Self-Level Latex)

More Info:

Please scan the QR code for further product information.





SELF-LEVEL LATEX

PALACE SELF-LEVEL LATEX must only be mixed with **PALACE SELF-LEVEL Powder** - 5 litres per 20kg. The use of the **PALACE SELF-LEVEL LATEX** with the **PALACE SELF-LEVEL Powder** will give the product enhanced capabilities to enable its use over a wider range of floor substrates, such as with Underfloor Heating and overlaid timber substrates.

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM

Anhydrite screeds
Must be correctly prepared

Initial Set Time
4 Hours*

Working Time
30 Mins*

Ready To Tile
8 Hours*

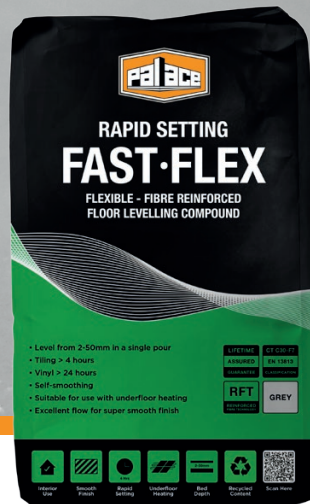
Bed Depth
Up To 12mm*

**Dependent on temperature of substrate and site conditions*

More Info:

Please scan the QR code for further product information.





FAST-FLEX

PALACE FAST-FLEX is a rapid setting, flexible & fibre-reinforced, high strength, protein free, sub-floor smoothing underlayment, with a bed depth from 2-50mm thick. When mixed with water, **PALACE FAST-FLEX** floor leveller provides ideal properties for application over a comprehensive range of floor surfaces including tamped or worn concrete, sand/cement floor screeds, timber, backer boards and dense impermeable surfaces. It is also suitable for heated sub-floors.

Conforms to EN 13813 CT C30-F7

Initial Set Time
3 Hours*

Ready To Tile
4 Hours*

**Dependent on temperature of substrate and site conditions*

Working Time
30 Mins*

Bed Depth
Up To 50mm*

RECEIVING SURFACES

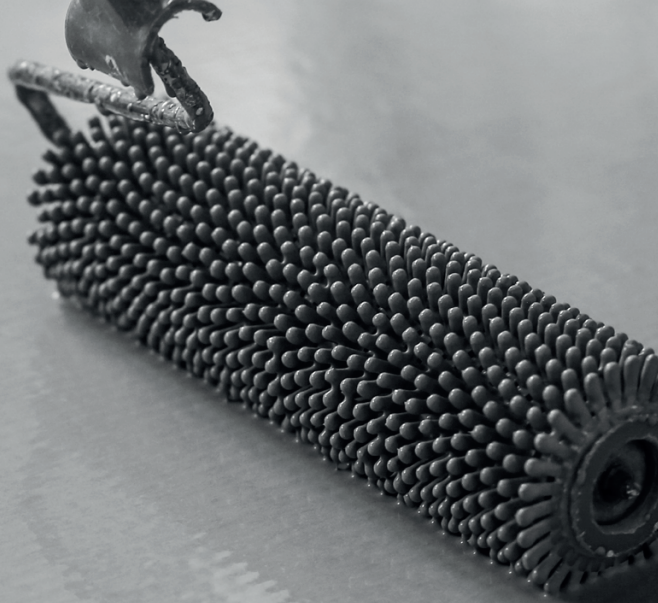
Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





FAST-TRACK

PALACE FAST-TRACK floor leveller is a single-part, ultra-rapid drying & super-smooth flooring compound with outstanding high early strength. Free from portland cement, flowing across all surface types, including timber, backer boards & floors fitted with sub-surface heating. Capable of producing a super-smooth finish, ideal for use in circumstances where access soon after laying is essential. **PALACE FAST-TRACK** can also be laid beneath "soft" floor coverings such as vinyl, laminates & linoleum.

Conforms to EN 13813 CT C35-F7

Initial Set Time
30 Mins*

Working Time
15 Mins*

Ready To Tile
45 Mins*

Bed Depth
Up To 25mm*

**Dependent on temperature of substrate and site conditions*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





THICK-BED

PALACE THICK-BED floor leveller is a polymer-modified, fibre-reinforced, cement-based internal sub-floor smoothing compound, giving a bed depth from 2mm to 80mm in one single application, which is then able to receive foot traffic after 3 hours. **PALACE THICK-BED** floor leveller is mixed with water to provide the ideal properties over a comprehensive range of typically encountered floor surfaces.

Conforms to EN 13813 CT C25-F6

Initial Set Time
1 Hour*

Foot Traffic
3 Hours*

Working Time
30 Mins*

Bed Depth
Up To 80mm*

**Dependent on temperature of substrate and site conditions*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Green screed
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





WEAR-TOP

PALACE WEAR-TOP a dual-purpose polymer-modified, cement-based internal sub-floor smoothing interior underlayment or wear surface topping. It has a high degree of abrasion resistance making it suitable for areas where regular heavy tracking is expected, whilst its high early strength development makes it a suitable base for receiving decorative wear resistant resin coatings.

Conforms to EN 13813 CT C35-F7

Initial Set Time
1 Hour*

Foot Traffic
3 Hours*

**Dependent on temperature of substrate and site conditions*

Working Time
30 Mins*

Bed Depth
Up To 20mm*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





FAST-TRACK 2

PALACE FAST-TRACK 2 is a 2 part floor levelling underlayment, which provides a rapid-setting, super-smooth finish with outstanding high early strength. Free from portland cement due to its specially formulated rapid curing binders. **PALACE FAST-TRACK 2** is flowable across most surface types, the liquid polymer additive ensures excellent adhesion to a much wider range of surfaces, including existing tiles, dense impermeable substrates, steel decking, old adhesive residue & floors fitted with sub-surface heating elements.

Conforms to EN 13813 CT C25-F7

Initial Set Time
30 Mins*

Working Time
15 Mins*

Foot Traffic
45 Mins*

Bed Depth
2 - 25mm*

**Dependent on temperature of substrate and site conditions*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





FLOW-LEVEL

PALACE FLOW-LEVEL is a 2 part powder and latex system, ideal for preparing sub-floors to receive decorative floor covering. This product is designed to produce the smoothest possible level surface, vital when working with LVT, laminate, parquet, carpet underlay and tiles.

PALACE FLOW-LEVEL is also approved for use with electric sub-floor heating systems and will provide a level floor bed from 2 to 12mm deep, even below a DPM.

Conforms to EN 13813 CT C16-F4

Initial Set Time
1 Hour*

Working Time
20 Mins*

Foot Traffic
90 Mins*

Bed Depth
2 - 12mm*

**Dependent on temperature of substrate and site conditions*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Green screed
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.





FEATHER-EDGE

PALACE FEATHER-EDGE a premium quality, ultra fast-drying, cement-based underlayment designed for skim-coating and ultra-fine surface finishing prior to the application of decorative floor coverings which require the smoothest possible sub-surface. The ideal choice for fine finish-coat applications. Can be utilised to provide a "feather edge" skim depth up to a single layer depth of 25mm.

Conforms to EN 13813 CT C12-F7

Initial Set Time
30 Mins*

Foot Traffic
45 Mins*

**Dependent on temperature of substrate and site conditions*

Working Time
15 Mins*

Bed Depth
Up To 25mm*

RECEIVING SURFACES

Concrete
Sand / cement screed
Tile backer boards
Existing ceramic & stone tiles
Existing vinyl tiles
Green screed
Plywood overlay
Under-floor heating
Flooring grade asphalt
Epoxy DPM
Moisture stable adhesives

Anhydrite screeds
Must be correctly prepared

More Info:

Please scan the QR code for further product information.



LEVELLING GUIDE

PRODUCT:	SELF-LEVEL	FAST-FLEX	FAST-TRACK	THICK-BED
1 PART	•	•	•	•
2 PART	/			
FAST TRACK PROJECT WORK			•	
INTERNAL FLOORS	•	•	•	•
CONCRETE / FIBRE BOARDS	•	•	•	•
ANHYDRITE SCREEDS (SEALED)	•	•	•	•
PLY OVERLAY	/	•	•	•
VINYL TILES	/	•	•	•
HEATED SCREED / CABLES	/	•	•	•
EXISTING TILES (UNGLAZED)	•	•	•	•
EXISTING TILES (GLAZED)	/	•	•	•
ASPHALT	•	•	•	•
EXTERNAL FLOORS				

PRODUCT:	FAST-TRACK 2	FLOW-LEVEL	WEAR-TOP	FEATHER-EDGE
1 PART			•	•
2 PART	•	•		
FAST TRACK PROJECT WORK	•			•
INTERNAL FLOORS	•	•	•	•
CONCRETE / FIBRE BOARDS	•	•	•	•
ANHYDRITE SCREEDS (SEALED)	•	•	•	•
PLY OVERLAY	•	•	•	•
VINYL TILES	•	•	•	•
HEATED SCREED / CABLES	•	•	•	•
EXISTING TILES (UNGLAZED)	•	•	•	•
EXISTING TILES (GLAZED)	•	•	•	•
ASPHALT	•	•	•	•
EXTERNAL FLOORS			•	

PRODUCT CODES

• applicable with product. / when mixed with latex liquid.

PREPARATION:	Product Code	Size	Qty / Case	Barcode	Page No.
MULTI-PRIME	47-20	1 Litre	12	5014205002641	6
MULTI-PRIME	47-30	5 Litre	1	5014205003013	6
GRIT-PRIME	55-42	5 Litre	1	5014205009176	7
1-COAT DPM	68-52	5KG	1	5014205008902	8
PRO GYP-BASE	82-94	15KG	1	5010921322919	9
LEVELLING:					
SELF-LEVEL	68-42	20KG	1	5014205002368	10
SELF-LEVEL LATEX	68-53	5 Litre	4	5014205008834	11
FAST-FLEX	68-43	20KG	1	5014205008711	12
FAST-TRACK	68-44	20KG	1	5014205008728	13
THICK-BED	68-45	20KG	1	5014205008735	14
WEAR-TOP	68-50	20KG	1	5014205008780	15
FAST-TRACK 2	68-47	20KG	1	5014205008759	16
FAST-TRACK 2 LATEX	68-55	5 Litre	1	5014205008803	16
FLOW-LEVEL	68-46	20KG	1	5014205008742	17
FLOW-LEVEL LATEX	68-54	5 Litre	1	5014205008810	17
FEATHER-EDGE	47-28	10KG	1	5014205009213	18

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