

Ver 03 - PALGP 30.06.21

# GRIT-PRIME

## SANDED ACRYLIC PRIMER

- PROVIDES AN EXCELLENT KEY AND ENHANCES BOND TO SMOOTH SURFACES
- PRIMER READY TO USE & APPLY BY EITHER A BRUSH OR ROLLER
- RAPID DRYING PRIMER WHICH DRIES 15 MINUTES AFTER PAINTING OUT
- IDEAL FOR IMPROVING ADHESION BOND IN TILE ON TILE APPLICATIONS
- IMPROVES BOND TO NON-POROUS SURFACES FOR SELF-LEVELLING COMPOUNDS



### TECHNICAL SUMMARY

UNIT SIZES	5 litres
COLOURS	Blue
APPEARANCE	Viscous Liquid
SPECIFIC GRAVITY	1.35 +/- 0.05
COMPOSITION	Acrylic Dispersion
DRYING TIMES	3 to 4 hours @ 20°C

### 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.

ENHANCED  
BOND

ACRYLIC BINDER  
FORMULA

INITIAL SET TIME  
3/4 HOURS

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### DESCRIPTION

**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 subsequently applied coatings or plasters to key into the primed surface and optimise their adhesion to the structure.

**PALACE GRIT-PRIME** is effective on smooth and impermeable substrates such as terrazzo, glazed ceramic tiles and impermeable natural stone coverings to optimise the bond achieved by subsequently applied levelling compounds, adhesives and any other similar cement-based system.

**PALACE GRIT-PRIME** can be applied as a one-coat membrane onto badly sanded mastic asphalt, rolled asphalt or fine asphalt old coatings and for sealing old, smooth and sound power-floated concrete surfaces, magnesia screeds, metal substrates (e.g. channelled plate) stable vacuumed and sanded vinyl, linoleum, thermoplastic & semi-flexible tiles and hard rubber coverings in domestic areas.

### ADVANTAGES

- Suitable for use on walls and floors
- Water based low odour coating
- Provides optimum adhesion & grip
- Ideal for smooth and non-absorbent substrates

### SURFACE PREPARATION

All Surfaces must be smooth; sound clean, dry and free of any contamination such as dust, oil, grease and existing loose surface coatings which must be mechanically removed and any surface defects repaired with a suitable repair compound or mortar in accordance with anticipated in-service load requirements. Poorly attached ceramic tiles should be removed and if necessary, levelled with **PALACE SMOOTH-BASE** levelling smoothing underlayment. All sub-floors should have an effective damp proof membrane already in place beneath the existing surface finish. Porous, worn or dusty surfaces should be thoroughly cleaned of all dust, oil, coatings & loose surface matter.

Gypsum plaster or anhydrite floors must be brushed free of all loose laitance and Gypsum screeds should be less than 75% RH, (residual moisture content < 0.5% w/w total free moisture).

### APPLICATION METHOD

Always stir **PALACE GRIT-PRIME** thoroughly before application to ensure a consistent dispersion of aggregate within the mix. Apply **PALACE GRIT-PRIME** with a roller, paintbrush or brush, short-pile roller or pad applicator and avoid formation of puddles or excessive layering. Allow between approximately 1-4 hours to dry and expect that it usually takes up to the maximum 3 to 4 hour period when coated over impermeable surfaces such as ceramic tiles at ambient room temperature conditions. Low temperatures (<15°C) and high humidity will prolong drying time.

**PALACE** floor levelling compounds can be applied after drying for approximately 1 to 2 hours. Refer to the product datasheet for the appropriate floor-levelling compound. After the required drying time (see below) ceramic tiles and natural stone can be laid with **PALACE TRADE-FLEX**, **EASI-FLEX** or **MULTI-FLEX** tile adhesives.

Clean brushes & rollers used to apply **PALACE GRIT-PRIME** in water immediately after use. Uncured product may be removed by washing and wiping clean damp surface excess residues with a wet cloth. Cured product can only be removed by mechanical means.

### COVERAGE

The consumption of **PALACE GRIT-PRIME** on any level, smooth and even hard impermeable surface will cover at a rate of approximately 8- 10 sq. m/ litre - (6.0 – 7.5 sq.mtr/kg).

### GROUTING

Grouting may proceed as soon as the tile bed is sufficiently firm, which depending upon site conditions can be from 24 hours after fixing on porous surfaces such as plaster or up to 7 days where tiles have been fixed to an impermeable surface such as existing tiles. In areas subject to intermittent wetting, such as domestic showers, always use a waterproof grout such as **PALACE COLOUR-LOCK GROUT** or **PALACE ANTI-MOULD GROUT**.

### STORAGE AND PACKAGING

**PALACE GRIT-PRIME** is supplied either as a 5 litre or 1 litre buckets and has a storage life of not less than 12 months if stored in dry, un- opened conditions. Consult the **PALACE GRIT-PRIME** material safety data sheet for advice on handling and safety procedures.



EN ISO 14001



EMS 85788

EN ISO 9001



FM 01010

EN ISO 18001



OHS 596309

**PALACE CHEMICALS LTD**

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### HEALTH AND SAFETY

Always ensure that appropriate PPE is worn when mixing & applying this product to ensure protection from airborne dust and skin contact with the mixed liquid product. Wash hands after use and launder stained clothing. Do not consume food when working with this material and keep children & animals away from any possible risk of contact. A complete PALACE material safety data sheet is available on request or online at [www.palacechemicals.co.uk](http://www.palacechemicals.co.uk)

### QUALITY AND ENVIRONMENT

All Palace Chemicals products are manufactured under a BSI accredited ISO 9001:2015 Quality Management System, along with an ISO 14001 Environmental Management system continually working to reduce our carbon footprint by developing products such as this which have a lower environmental impact.

### TECHNICAL ADVISORY SERVICE

Should more specific technical information be required, contact the Palace Technical helpline on: **0151 486 6101**.

For a Technical Specification and quantity requirements, visit our 'TilingSpecifier' on the Palace website at:

<http://www.palacechemicals.co.uk>

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