



GRIT-PRIME



ISSUE DATE: PGP – 1 / 0819



- 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
- For use on a wide range of smooth, impermeable surfaces
- Ideal for improving adhesion bond in tile on tile applications
- Improves bond to non-porous surfaces for self-levelling compounds
- Solvent free low-odour coating.

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

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:

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 approx. 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 approx. 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.

Technical data:

Colour	Blue
Appearance	Viscous liquid
Specific Gravity	1.35 +/- 0.05
Composition	Acrylic dispersion
Pack size(s)	5 litre re-sealable buckets
Drying Times	15 to 30 minutes @ 20°C.

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).

Storage & 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, unopened conditions. Consult the **PALACE GRIT-PRIME** material safety data sheet for advice on handling and safety procedures.

The information provided by this Technical data sheet is given in good faith and is to the best of our current knowledge true and accurate. However it is given without guarantee, as conditions of use and workmanship involved are both beyond our control. All information supplied is subject to the company's terms and conditions of sale, copies of which are available on request.



Palace Chemicals Ltd.
Speke Hall Industrial Estate, Speke, Liverpool L24 1 YA
Tel: 0151 486 6101 Fax: 0151 448 1982
Email: sales@palacechemicals.co.uk

