



TECHNICAL DATA SHEET

DEC 2025 Ver 01 - PALGP 02.12.25



GRIT-PRIME

INTERIOR SANDED ACRYLIC PRIMER

- For cement based adhesives & screeds
- Enhances adhesion to impermeable surfaces
- Suitable for vinyl, linoleum & ceramic tiles

DESCRIPTION

PALACE GRIT-PRIME is an acrylic based fine textured coating, which can be applied using a brush or roller and dries quickly to give a strong bond to dense impermeable and non-porous surfaces, forming a textured finish, which aids the key & adhesion of subsequently applied adhesives and screeds.

PALACE GRIT-PRIME is intended for interior use in domestic and commercial areas. Ideal for application onto smooth and sound substrates including: terrazzo, existing ceramic tiles, natural stone, mastic asphalt, well-bonded coatings and dense power-floated smooth concrete surfaces. Also enhances adhesion to stable vacuumed vinyl, linoleum coverings and thermoplastic tiles.

ADVANTAGES

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

TECHNICAL DATA

UNIT SIZE	5L
COLOUR	Blue
COVERAGE	8-10 m ² per litre
SPECIFIC GRAVITY	1.35 +/- 0.05
INITIAL SET TIME	1 - 4 hours @ 21°C*
READY TO TILE	1 - 4 hours @ 21°C*

* Dependent on temperature, substrate and site conditions



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SURFACE PREPARATION

All surfaces must be smooth, sound, clean, dry & free of any contamination such as dust, oil, grease and existing loose surface coatings which must be mechanically removed. Any surface defects must be repaired with a suitable repair compound or mortar in accordance with anticipated in-service load requirements. Poorly fixed tiles (when applying to tile on tile) should be removed and if necessary, levelled with a suitable **PALACE** levelling compound. 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 or brush 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 - 2 hours depending on site conditions. Refer to the product datasheet for the appropriate floor levelling compound. After the required drying time (see below) tiles and natural stone can be laid with a suitable **PALACE** powdered C2 tile adhesive.

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 residue 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 - 10m² per litre - (6.0 - 7.5 sq.mtr/kg).

GROUTING

Grouting may proceed as soon as the tile bed is sufficiently firm, which depending upon the setting time of the adhesive selected, can be from 3 hours up to 24 hours after fixing on porous surfaces such as plaster. This could be extended 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**.

PRECAUTIONS

Old water-soluble adhesive layers should be removed completely. Existing floor coverings should display fully secure bonding to the base substrate. Loose or hollow ceramic tiles should be removed and if necessary re-levelled.

STORAGE

PALACE GRIT-PRIME is supplied in a re-sealable bucket and has a storage life of not less than 12 months if stored in dry conditions. Do not store or apply in temperatures below 5°C or greater than 30°C. Should further technical information be required, contact the Palace Technical helpline on 0151 486 6101.

HEALTH & SAFETY

Keep out of reach of children. Avoid breathing dust. Wear protective gloves/protective clothing/eye protection or face protection (mask). IF IN EYES: Rinse cautiously with water for several minutes.

Contains: 1,2-benzisothiazol-3(2H)-one, 2-methylisothiazol-3(2H)-one, Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

QUALITY & 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.

TECHNICAL ADVICE

For advice on tile installation products call the Palace Chemicals Technical Helpline on 0151 336 9104.

DISCLAIMER

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. Our products are guaranteed against defective materials and manufacture and will be replaced or money refunded if the goods do not comply with our promotional literature. We cannot however accept responsibility arising from the application or use of our products because we have no direct or control over where and how our products are stored and used. All products are sold and guaranteed subject to our terms and conditions of sale, copies of which may be obtained on request.

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