



TECHNICAL DATASHEET

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PRO GYP-BASE FAST TRACK SEALER

FOR ANHYDRITE GREEN SCREEDS

FAST TACK SURFACE SEALING & PREPARATION SYSTEM

PRODUCT SUMMARY

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.

Pro Gyp-Base Fast Track Sealer greatly reduces the access times normally applicable for anhydrite (calcium sulphate) screeds subject to being over-laid with ceramic and porcelain tiles. It is sold as a kit containing all the elements necessary to achieve a successful bond, including a primer, moisture suppressant and gritted primer.

TECHNICAL SUMMARY

UNIT SIZES	15kg
COLOUR	Yellow finish coat
DRYING TIME (Parts 1a, 1b & 2a, 2b):	24 hours
DRYING TIME (Parts 3 & 4):	Min. 2 hours total
TOTAL DRYING TIME	27 hours
IDEAL APPLICATION TEMPS	10 – 25°C

- Dependent on temperature substrate and site conditions
- All drying times are quoted at 20°C

CONTENTS: 15KG

Primer Coat 1 Parts A & B
Primer Coat 2 Parts A & B
Moisture Suppressant
Gritted Primer

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

Pro Gyp-Base

Fast Track Surface Sealing & Preparation System

DESCRIPTION

Palace Pro Gyp-Base is a 4-part system which allows ceramic & porcelain tiles to be fixed on an anhydrite-based floor screed that are a minimum of 7 days old and have a measured moisture content of < 95% RH.

This allows for a fast-track solution when tiling onto an anhydrite-based screeds, which under natural site conditions are normally 1mm per day for 40mm deep screeds and 1mm every 2 days for screeds laid deeper than 40mm. **Palace Pro Gyp-Base** comprises of 2 Epoxy Primers (Clear & Black), followed by the application of a polyurethane based moisture suppressant sealer and then the final coat is a rapid drying textured primer, providing the perfect key & base over which tiles can be fixed with a cement-based adhesive such as **Palace Multi-Flex C2FTE-S1** or **Easi-Flex C2TE-S1**. **Palace Pro Gyp-Base** can be applied over both heated & unheated anhydrite floor screeds.

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 & b - **Clear**
- **Pro Gyp-Base** 2-part Epoxy Primer part 2a & b - **Black**
- **Pro Gyp-Base** Moisture Suppressant Coat part 3 - **Pink**
- **Pro Gyp-Base** Gritted Textured Primer part 4 - **Yellow**

The screed must have been laid no less than 7 days before proceeding with the application. Always re-check to ensure the anhydrite moisture content is no more than 95% RH.

SURFACE PREPARATION

The substrate must be sound, dry & free from contaminant materials (dirt, oil, grease) that would impair adhesion. Anhydrite (Calcium sulphate) screeds must be abraded sufficiently to remove all loose material and ground back enough to expose its coarse aggregate, ensure the area is fully vacuumed to remove all residual loose dust from the screed preparation process.

APPLICATION

Ideal conditions for the application of this system are temperatures in the range of 15 - 25°C, and the screed substrate temperature being above 15°C and relative humidity in the room being below 65% RH. Low temperatures and high air humidity will lengthen

the curing time of each stage of the **Pro Gyp-Base** system, while temperatures above 25 - 30°C and even lower air humidity will shorten the curing times.

STAGE 1

The **Palace Pro Gyp-Base** system requires mixing all of **Parts 1a & 1b** of the **Red Label** with mild slow speed agitation (avoid excessive aeration) to give a smooth consistent clear coating, which can immediately be applied by brush or a fine roller across the prepared anhydrite floor surface. Allow a minimum of 2 hours in ideal conditions for **Clear Coat 1** to dry.

STAGE 2

When **Part 1** is dry, mix all of **Parts 2a & 2b** of the **Green Label** in the same manner as above to give a smooth consistent **Black** liquid, which again can be applied across the previous coated surface using a brush or fine roller and ensure the application strokes are at 90° to the alignment used for the first clear coat. Allow **Part 2** 24 hours to dry.

STAGE 3

Before proceeding, check to confirm that the black **Part 2** coat has fully dried (tack-free) after allowing 24 hours to cure. Use a clean roller to apply **Part 3** by pouring the moisture suppressant sealer from the bottle to a tray and ensuring a complete coat of this **Pink** dispersion liquid is applied over the **Black** primed surface of **Part 2**. In ideal conditions, allow a minimum of 1 hour to dry & cure before repeating the application with a second coat of **Part 3** applied at 90° alignment to the first coat. This coat should also be dry after about 1 hour.

STAGE 4

When the second **Pink** coat of **Part 3** is dry to the touch (at least 1 hour after application), apply one coat of the yellow gritted primer (**Part 4**) and allow to dry for approximately 1 hour. When the application & curing of all 4 stages of the **Palace Pro Gyp-Base** system is complete, tiles may then be fixed over it with a cement-based adhesive such as **Palace Multi-Flex C2FTE-S1** or **Easi-Flex C2TE-S1** in accordance with manufacturer's instructions. Ensure all tools are cleaned or disposed of responsibly.

COVERAGE

A single 15kg kit contains everything required to prepare and seal approximately a 25m² area.

Pro Gyp-Base

Fast Track Surface Sealing & Preparation System

PRECAUTIONS

Palace Pro Gyp-Base is not a substitute for a structural damp-proof Membrane. The underfloor heating system should be turned off for 48 hours prior to installation and remain off for up to 3 weeks after the tiled flooring installation is completed. The underfloor heating system should then be incrementally switched on over several days to avoid the effects of sudden temperature variation.

STORAGE

The **Palace Pro Gyp-Base** system is supplied in a heavy duty re-sealable bucket and has a storage life of not less than 12 months if stored in dry, un-opened conditions. Should further technical information be required, contact the Palace Technical helpline on 0151 486 6101.

TECHNICAL ADVICE

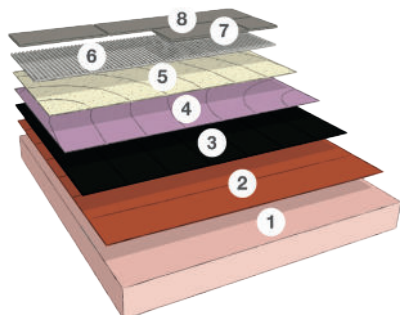
For advice on tile installation products call the Palace Chemicals Technical Helpline on 0151 336 9104.

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, 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.

SUMMARY OF APPLICATION SCHEDULE

1. Prepared & cleaned Anhydrite Screed
2. Pro Gyp-Base Epoxy Primer - **Clear**
3. Pro Gyp-Base Epoxy Primer - **Black**
4. Pro Gyp-Base Moisture Suppressant - **Pink**
5. Pro Gyp-Base Grittied Primer - **Yellow**
6. Multi-Flex C2FTE-S1 adhesive
7. Tiles
8. Floor Tile Grout



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HEALTH & SAFETY

<h2>UN3082</h2> <p>Causes skin irritation. May cause allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release into the environment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with plenty of clean water. Collect spillage. Dispose of this material and its container to hazardous or special waste collection point.</p>
<p style="text-align: center;">POLYAMINE ADDUCT</p> <p>Causes serious eye damage. Harmful to aquatic life with long lasting effects. Wear protective gloves/protective clothing/eye protection/face protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Avoid release to the environment. Wash hands thoroughly after handling.</p> <p>Contains: Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one(3:1)1,2-benzisothiazol-3(2H)-one & 2-Bromo-2-nitro-1,3-propanediol. May cause an allergic reaction.</p>

