

Ver 03 - PALTP 19.07.21

TILERS' PRIMER

SURFACE PREPARATION AID

- STABILISES POROUS SURFACES
- IMPROVES BOND TO TIMBER/VINYL SURFACES
- REDUCES SURFACE SUCTION
- CONCENTRATED PRIMER
- EFFECTIVE OVER IMPERMEABLE SURFACES



APPLICATION

ADMIXTURE

BONDING SLURRY

PRIMER / SEALER

COVERAGE

5 to 15 litres per 50kg of OPC

3 - 5 square meters per litre

up to 20 square meters per litre

PALACE TILERS PRIMER

Improves the strength and long-term durability of bonding between adhesives and surface substrate type. Its primary function is to act as a concentrated primer for dilution over porous surfaces, gypsum plaster and old worn concrete.

MULTIPURPOSE SURFACE PREP
BONDING / PRIMER / SEALER

TILERS PRIMER

Surface Preparation Aid



DESCRIPTION

PALACE TILERS PRIMER is a styrene butadiene co-polymer emulsion for use as a primer; bonding agent and sealer formulated to improve, adhesion strength and long-term durability of the bond between the adhesive and any surface substrate. It is a safe to use and can be applied to a wide range of building materials including applications where contact with water is likely. **PALACE TILERS PRIMER** can be used as a water-proof bonding agent when mixed as a slurry with neat cement and can readily be incorporated into mixes of sand cement screeds, plasters and renders, giving a water reducing and plasticising effect, as well as improving wet-tack and adhesion of the render to the existing base masonry. **PALACE TILERS PRIMER** is an excellent primer for porous surfaces such as gypsum plaster, old / worn concrete; sand cement screeds and render by reducing porosity, surface dusting and improving initial tack so that subsequently applied adhesives, renders or screeds can achieve a secure and lasting key with the base substrate.

TILERS PRIMER - PRIMING COAT

Once porous, worn or dusty concrete floors have been thoroughly cleaned of all dust, oil & loose surface matter, **PALACE TILERS PRIMER** diluted as 1 part to 3 parts with water and brushed on as a generous single coat, can seal the surface, reduce suction and inhibit further dusting. One coat is normally sufficient for priming surfaces ready to receive an application of **PALACE SELF-LEVELLING COMPOUND** or any **PALACE TILE ADHESIVE**, however very porous surfaces may require two coats or use a 1:1 dilution to effectively reduce porosity and bind the surface. Cracked or friable surfaces should be repaired before laying any top coatings. **PALACE TILERS PRIMER** is effective on gypsum plaster, porous cement render walls, worn concrete, cement sand floor screeds, cement panelboards and timbers such as chipboards and worn plywood. Plaster walls which have been over-finished to a polished appearance should be slightly roughened with a stiff brush and wiped clear of loose fines before priming.

TILERS PRIMER - SEALER

Timber and composite panels should be clean and free from dust and loose flaking material before being sealed on all exposed faces and edges with neat **PALACE TILERS PRIMER**, then the 1 to 3 parts water dilution brushed across the surface to be tiled. Adhesive may be applied to the primed surface whilst it is still slightly tacky to touch. Gypsum based materials likely to be tiled over with a cement-based adhesive, such as Anhydrite floor screeds

or Gypsum finishing plasters must be effectively sealed with 2 coats of neat **PALACE TILERS PRIMER** the first as a 1 to 1 part water dilution and the second applied neat with each being allowed to dry before proceeding with the next application.

TILERS PRIMER - BONDING AGENT

PALACE TILERS PRIMER can be used as a bonding agent when over-laying existing masonry with a fresh coat of render, plaster, concrete or screed, or when applying cement-based tile adhesives to difficult, non-porous surfaces such as existing vinyl floor tiles and steel decking. Wet down the exposed surface so that it is damp but not holding standing water. **PALACE TILERS PRIMER** can be mixed to a brushable slurry consistency using a mechanical agitator by adding approximately 1-part PRIMER to 1 part neat cement (or 1 part cement based adhesive) to be spread out using a stiff brush, evenly and consistently over the surface. Application of the topping screed or adhesive should proceed before the bonding slurry has completely dried out as surface tackiness will improve the adhesive key. **PALACE TILERS PRIMER** bonding slurry can also be used as a waterproof tanking slurry when applied as a three-coat treatment to prepared masonry.

TILERS PRIMER - CEMENT SCREED / MORTAR ADMIXTURE

When repairing concrete floors, steps or applying vertical renders, **PALACE TILERS PRIMER** should be mixed at the minimum rate of 5 litres per 50 kg of Ordinary Portland Cement, or adding up to 15 litres where heavy traffic or loads are expected. Mix designs for repair mortars are ideally 1 part OPC to 3 parts zone 3 washed dried sand. When laying thick-section screeds (25 to 50mm) replace 1 part sand with 1 part 6mm dried coarse aggregate and always add just sufficient water to give the mix the required consistency for ease of application. **PALACE TILERS PRIMER** imparts a strong water-reducing and plasticising effect in concrete and mortar, thus giving improved strength, shrink resistance, long term durability, abrasion resistance and reduced water permeability.

STORAGE AND PACKAGING

PALACE TILERS PRIMER is supplied either as a 5 litre or 1 litre bottle and has a storage life of not less than 12 months if stored in dry, un-opened conditions.



EN ISO 14001



EMS 85788

EN ISO 9001



FM 01010

EN ISO 18001



OHS 596309

PALACE CHEMICALS LTD

SPEKE HALL INDUSTRIAL ESTATE

SPEKE LIVERPOOL L24 1YA

TEL: 0151 486 6101 - FAX: 0151 448 1982

E-MAIL: SALES@PALACECHEMICALS.CO.UK

TILERS PRIMER

Surface Preparation Aid



COVERAGE

The consumption of **PALACE TILERS PRIMER** for any particular application depends heavily upon the texture and porosity of the surface it is applied to and the figures shown below are intended as a rough guide only:

APPLICATION	COVERAGE
ADMIXTURE	5 to 15 litres per 50kg of OPC
BONDING SLURRY	3 - 5 square meters per litre
PRIMER / SEALER	up to 20 square meters per litre

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

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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