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SBR BOND

WATERPROOF SEALER & BONDING AGENT

- PRIMER FOR POROUS WORN SURFACES
- SEALS & PROTECTS POROUS TIMBERS
- MIXES WITH CEMENT TO FORM A BONDING SLURRY
- FORMS A WATER RESISTANT PROTECTIVE SEAL
- ADHESION PROMOTING ADMIXTURE IN CEMENT & MORTAR



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

PALACE SBR BOND

Is a multi-functional agent that can be used as a primer, bonding agent or sealer. This product is designed to improve adhesion strength between tile adhesives and floor screeds on a range of surfaces. SBR Bond reduces surface porosity, dusting and improves initial tack, enabling subsequently applied adhesives, renders or screeds to achieve a secure and lasting key.

MULTI-FUNCTION
AGENT

IMPROVES ADHESION BETWEEN
ADHESIVE & SCREED

SBR BOND

Waterproof Sealer & Bonding Agent



DESCRIPTION

PALACE SBR BOND 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 SBR BOND** can be used as a water-proof bonding agent when mixed as a slurry mixed 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 SBR BOND** 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 SBR BOND** 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 SBR BOND** 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.

PLASTERBOND SBR - SEALER

Timber plyboards and panels should be clean and free from dust and loose flaking material before being sealed on all exposed faces and edges with neat **PALACE SBR BOND**, 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 Anhydrite floor screeds or

Gypsum finishing plasters and must be effectively sealed with 2 coats of neat **PALACE SBR BOND** with each being allowed to dry before proceeding with the next application.

SBR BOND - BONDING AGENT

PALACE SBR BOND 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 SBR BOND** can be mixed to a brushable slurry consistency using a mechanical agitator by adding approximately 1 part **PALACE SBR BOND** 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 SBR BOND** bonding slurry can also be used as a waterproof tanking slurry when applied as a three-coat treatment to prepared masonry.

SBR BOND - CEMENT SCREED / MORTAR ADMIXTURE

When repairing concrete floors, steps or applying vertical renders, **PALACE SBR BOND** 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 SBR BOND** 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

SBR BOND is supplied as a 5 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

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SBR BOND

Waterproof Sealer & Bonding Agent



COVERAGE

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

APPLICATION	COVERAGE
ADMIXTURE	5 to 15 litres per 50kg of OPC
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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

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>

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.



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