TECHNICAL DATA SHEET

NOV 2025 Ver 01 - PALSP 25.11.25



SHOWER-PROOF

HEAVY DUTY WALL TILE ADHESIVE

- **Ideal for internal wall surfaces**
- **High instant grab**
- **Non-slip**
- **For kitchens, bathrooms and domestic showers**

DESCRIPTION

PALACE SHOWER-PROOF is a ready mixed, thin-bed, non-slip, ceramic wall tile adhesive. **PALACE SHOWER-PROOF** provides excellent initial grab for all types of ceramic wall tiles with a surface area no larger than 900cm^2. **PALACE SHOWER-PROOF** complies with the performance requirements of EN 12004 Type D1TE and is suitable for use in domestic shower areas not subject to prolonged and persistent wetting, proving the tile joints are filled with a Palace water resistant wall tile grout.

Conforms to EN 12004 Type D1TE

SURFACE PREPARATION

Recently plastered or rendered surfaces should be allowed at least 4-6 weeks to dry out before tiling can proceed. Ensure all surfaces are sound, dry and free from dust, grease and loose or weak surface coatings. Porous surfaces will require priming with **PALACE MULTI-PRIME** diluted 1:3 parts with water, whereas impermeable surfaces should be clean, dry and slightly scored to provide a key. Tile Backer Boards should be rigidly fixed and prepared in accordance with the Code of Practice for Ceramic Wall Tiling - BS 5385 part 1.

TECHNICAL DATA

UNIT SIZE	22kg
COLOUR	Brilliant white
COVERAGE	1.7kg per sq. metre
OPEN TIME	20 minutes
DRYING TIME	24 hours (porous walls)*
WATER RESISTANCE	For frequently wet areas
CLASSIFICATION	D1TE

** Dependent on temperature, substrate and site conditions*

***PALACE SHOWER-PROOF** is suitable for all types of ceramic wall tiles with a surface area no larger than 900cm^2*

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Registered No. 1377241 England

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APPLICATION

The adhesive should be applied to a maximum bed depth of no more than 3mm, using a 6mm notched trowel to form horizontal ribs on the wall surface, before pressing the tiles in firmly with a slight twisting action to ensure good contact. On surfaces likely to be subject to regular wetting it is advisable to apply a thin skim of adhesive to the back of the tiles (back buttering) to fill any voids and to assist with gaining a solid bed of adhesive behind the tiles. Do not use the adhesive to fill out uneven areas when fixing, as this will lead to prolonged drying times.

COVERAGE

Depending upon surface conditions, a notched trowel application will cover at the rate of about 1.7kg per square metres, whereas solid bed fixing will require about 0.7 square metres coverage per 1.7kg of adhesive.

GROUTING

Apply a suitable Palace Grout using a grout float or squeegee and compact well into the joints, ensuring no gaps or voids remain open. Remove any excess grout from the tiled surface with a damp sponge and when the joint is set, polish the surface with a dry cloth to remove any dusty residue. Grout only in small areas to allow time for the excess material to be wiped clean from the tile face before it begins to dry.

PRECAUTIONS

A Ready mixed adhesive will normally take up to 14 days to develop full strength and should not be exposed to wetting during this time. On non-porous surfaces, grouting should be delayed by up to 7 days after fixing to allow adequate drying to proceed. On porous surfaces, grouting can be applied 24 hours after fixing. This adhesive is not suitable for floor use, exterior use or fully immersed areas.

STORAGE

Store in cool, dry, well-ventilated conditions, away from sources of heat, direct sunlight or exposure to frost. Always completely reseal the container after partial use.

TECHNICAL ADVICE

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

HEALTH & SAFETY

Keep out of reach of children. Avoid contact with skin and eyes - wear gloves and overalls when handling and using this product. Wash splashes from skin immediately with warm soapy water and ensure good ventilation when working in confined areas. If accidentally ingested, do not induce vomiting, give water and seek immediate medical attention.

Contains: 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 produce an allergic reaction.
Dispose of contents in accordance with local regulations.

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.

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.

CLASSIFICATION

UKCA	CE	UKNI
1289 - 21		
Palace Chemicals Ltd, Speke Hall Industrial Estate, Speke, Liverpool L24 1YA		
DoP - 56-20		
EN 12004 : 2007 + A1 2012 - D1TE Normal dispersion adhesive with reduced slip & extended open time		
Release of dangerous substrates	See MSDS	
Bond strength:		
- Initial shear adhesion strength	≥ 1.0 N/mm²	
Durability for:		
- Tensile adhesion strength after 30 minutes open time	≥ 0.5 N/mm²	
- Shear adhesion strength after heat ageing	≥ 1.0 N/mm²	
Special Characteristics:		
- Reduced slip	≤ 0.5mm	
Reaction to fire	Class E	

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