

TECHNICAL DATA – RX-3000 WATERPROOF WALL TILE ADHESIVE

DATE ISSUED: 17.07.2020 Ref: DUN RX3000/001

DUNLOP RX-3000 WATERPROOF WALL TILE ADHESIVE



TECHNICAL SUMMARY

Size	5kg & 15kg
Colour	White
Classification	D2TE
Composition	Improved dispersion adhesive with reduced slip and extended open time for internal wall tiling
Coverage	Approximately 2kg/m ² in dry areas, depending on flatness of surface, or 3kg/m ² in wet areas.
Open Time*	30 minutes
Setting Time*	24 hours
Grout After*	24 hours
Bed Thickness	3mm maximum
Application Temperature	Room Temperature approx. 20°C (do not use below 5°C)
Storage & Shelf Life	This product must be stored in unopened packaging, clear of the ground in cool dry conditions between 5°C and 30°C and protected from excessive draught. If stored correctly the shelf life of this product is 12 months.

*Depending on temperatures, background and site conditions.

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SITUATION

Walls	✓	The surface must be clean, dry, sound and flat, if areas need to be filled and prepared, use a suitable compound such as DUNLOP RAPID RESCUE REPAIR FILLER.
Floors	✗	
Interior Dry	✓	
Wet Areas	✓	<p>The surface may require waterproofing, the use of DUNLOP WATERPROOFING SHOWER KIT maybe required before starting. Depending on the background used. Drying time will be increased to a minimum of 3 days.</p> <p>British Standards recommend at least 2 weeks from completion of grouting before the shower can be used.</p>
Power Showers	✓	<p>The surface may require waterproofing, the use of DUNLOP WATERPROOFING SHOWER KIT maybe required before starting. Depending on the background used. Drying time will be increased to a minimum of 3 days.</p> <p>British Standards recommend at least 2 weeks from completion of grouting before the shower can be used.</p>
Swimming Pools	✗	
Exterior	✗	
Underfloor Heated Screeds	✗	
Electric Undertile Heating	✗	

For further advice or advice on any other situations not listed above, please contact DUNLOP
TECHNICAL HELPLINE on 01782 591120

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BACKGROUND

The surface to be tiled should be flat, clean and free from dust, grease or any other barriers to adhesion.

Suitable surfaces include:

Fibre / lightweight cement boards	✓	Check suitability with board manufacturer. Ensure boards are sufficiently rigid and stable to receive tiling and can carry the additional load. Wipe down the surface with a damp cloth and leave to dry. Prime boards following manufacturers recommendations. Certain boards may delay the drying, leave adhesive for a minimum of 3 days.
Rendering	✓	The surface must be clean, dry, sound and flat, ensure the removal of any laitance, dirt or other loose materials. allow a minimum of drying times of 2 weeks. The use of a DUNLOP TILERS PRIMER or DUNLOP SBR UNIVERSAL BONDING AGENT Diluted 1 part primer to 4 parts clean water by volume maybe required before starting.
Existing glazed tiles	✓	Ensure the tiles are sound and solid by tapping the tiles and can support the weight of the new tiling. if areas need to be filled and prepared, use a suitable compound such as DUNLOP RAPID RESCUE REPAIR FILLER. Drying time will be increased to a minimum of 3 days.
Existing unglazed tiles	✓	Ensure the tiles are sound and solid by tapping the tiles and can support the weight of the new tiling. if areas need to be filled and prepared, use a suitable compound such as DUNLOP RAPID RESCUE REPAIR FILLER.
Plaster	✓	Must be at least 4 weeks old before tiling. Ensure finish coat has been applied, and surface is free from dust. If polished, brush thoroughly using a stiff bristled brush before priming with two coats of DUNLOP TILERS PRIMER diluted 1 part primer to 1 part water or DUNLOP SBR UNIVERSAL BONDING AGENT diluted 1 part primer to 4 parts water. Priming the surface may increase the drying time to 3 days. If the surface is not shiny wipe down the surface with a damp cloth and leave to dry before starting. Maximum weight of plaster is 20kg per m ² . Allow primer to dry. NOTE: If areas need to be filled and prepared, use a suitable compound such as DUNLOP RAPID RESCUE REPAIR FILLER. Do not use Bonding/browning plaster. Maximum weight of plaster is 20kg per m ² .
Plasterboard	✓	Ensure the plasterboards are dry, securely fixed and 300mm centres and suitable thickness used. If the plasterboard is dot and dapped at 300mm centres and around the perimeter, leave to dry before tiling. Maximum weight of plasterboard is 32kg per m ²

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TILE TYPE

Glazed - ceramic	✓	The tile size must not exceed 300mm x 300mm in size, if the tile size is bigger a suitable DUNLOP cement-based adhesive must be used.
Unglazed – ceramic	✓	The tile size must not exceed 300mm x 300mm in size, if the tile size is bigger a suitable DUNLOP cement-based adhesive must be used.
Porcelain	✗	
Natural Stone – translucent / water sensitive (water sensitive may suggest resin agglomerated stone)	✗	
Natural Stone – non translucent	✗	
Mosaics - ceramic	✓	Supplied on sheets, mesh/paper or plastic. Follow manufacture instruction on installation (note it is better to stagger the sheets when fixing).
Mosaics – porcelain	✓	Supplied on sheets, mesh/paper or plastic. Follow manufacture instruction on installation (note it is better to stagger the sheets when fixing). NOTE: Drying time will be increased.
Mosaics – natural stone	✗	

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IN A NUTSHELL

DUNLOP RX-3000 WATERPROOF WALL TILE ADHESIVE is a ready-mixed adhesive specially formulated for fixing ceramic or mosaic wall tiles in wet areas such as showers, power showers, bathrooms and wet rooms, as well as kitchens and other areas. The excellent non-slip characteristics reduce the need for battens. Ideal for fixing to flat internal wall surfaces such as plaster, plasterboard, cement: sand rendering and existing tiles. Exceeds performance requirements BSEN12004 for a D2TE adhesive.

PREPARATION

Cement:sand rendering should be left to dry for a minimum of 14 days. New plaster with finish coat should be left to dry for at least 28 days to develop sufficient strength to take the weight of tiles (within the recommended weight limits). If the plaster surface has polished shiny appearance it should be brushed thoroughly using a stiff bristled brush and primed with a suitable primer such as DUNLOP TILERS PRIMER (diluted 1:1 by volume with water). Ensure all surfaces to be tiled are dry in a firm, sound condition and capable of withstanding the additional weight placed upon it. Surfaces must also be clean and free from all barriers to adhesion prior to tiling. Ensure any excess dust is removed before work commences, if required prime with DUNLOP TILERS PRIMER (diluted 1:1 by volume with water).. Remove all loose or flaking paint. Hard gloss paint may be satisfactory, but first check the paint is well bonded to the wall and is compatible with the adhesive. Thoroughly de-grease and remove all dirt and any other barriers to adhesion from the surface of the paint.

APPLICATION

1. Spread the adhesive over about 1m², or an area that can be tiled within approximately 30 minutes at 20°C.
2. Apply adhesive to a final bed depth of 3mm, forming horizontal ribs. Use a special solid-bed notched trowel for wet areas or a round notched trowel for dry internal walls.
3. Press the tiles into the adhesive with a twisting action to ensure 100% contact between tiles and adhesive in wet areas. Fix tiles within 30 minutes of spreading adhesive. If in doubt, check exposed adhesive ribs, if the adhesive is not sticky or a skin has formed on the surface it must be removed and fresh adhesive applied.
4. Lift tiles occasionally to ensure adequate contact is made.
5. Immediately clean off surplus adhesive from the tile face with a damp cloth or sponge and remove excess adhesive from the grout lines.

GROUTING

Under normal drying conditions, grouting can be started after a minimum of 24 hours. A Suitable wall grout such as DUNLOP GX-500 FLEXIBLE GROUT can be used. If tiling onto surfaces that do not absorb water or in poorer drying conditions, grouting should be delayed for a minimum of 3 days.

NOTES

Dot and dabbing the adhesive to the back of the tile is not a recommended method of tile fixing. In poor drying conditions and on impervious backgrounds, the drying time will be extended. Therefore, ensure the adhesive is thoroughly dry before grouting. To improve protection on water-sensitive backgrounds, apply a waterproofing membrane such as DUNLOP SHOWER WATERPROOFING KIT.. This adhesive is not recommended for swimming pools, areas subject to standing water, exterior application or floors. A cement based tile adhesive such as DUNLOP CF-03 FLEXIBLE FAST SET TILE ADHESIVE should be selected when tiling with porcelain tiles or ceramic tiles larger than 300mm x 300mm. A primer such as DUNLOP TILERS PRIMER (2 coats undiluted) should be applied to plaster prior to fixing tiles using a cement based adhesive.

COVERAGE

Approximately 2kg/m² in dry areas, depending on flatness of surface, or 3kg/m² in wet areas.

10 YEAR GUARANTEE

As a testament to the reliability and performance of our rigorous quality control procedures, all Dunlop products carry a 10-year guarantee. Subject to terms and conditions -see website for details www.dunloptrade.com

HEALTH & SAFETY INFORMATION

For detailed information on safety guidance, please refer to the Product Material Safety Data Sheet (available on request or via the Dunlop website www.dunloptrade.com)

DUNLOP TECHNICAL HELPLINE

For free expert guidance on the use of this product or any aspect of ceramic tiling telephone the DUNLOP TECHNICAL HELPLINE on: Tel: 01782 591120 Fax: 01782 591121.

Note: The customer must verify the suitability of any information, opinion, recommendation or advice ("Information") provided by the Company for the particular application for which any goods are intended to be used and the Company accepts no liability (whether in contract tort, or otherwise) whatsoever for any loss, damage, or expense arising from the misuse of any information it supplies nor for the use of any information in or for applications which are unsuitable or inappropriate. Building Adhesives Ltd operates a continuous research and development programme and reserves the right to alter or update information from time to time.