

# DUNLOP SBR UNIVERSAL BONDING AGENT



## TECHNICAL SUMMARY

Size	5kg
Colour	White
Description	Multi-purpose for priming, sealing or for use as an admixture
Coverage	See page 4 for info
Setting Time*	30 minutes
Storage & Shelf Life	Stored between 5°C and 30°C and protected from frost the shelf life of this product is 12 months.

\*depending on temperatures, background and site conditions

## TECHNICAL DATA – SBR UNIVERSAL BONDING AGENT

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### SITUATION

Walls	✓	The surface must be clean, dry, sound and flat. When used on new plaster backgrounds or when using a DUNLOP Cement based adhesives.
Floors	✓	Ensure direct to earth sub floors incorporate an effective damp proof membrane. The surface must be clean, dry, sound and flat. Brush down highly polished surfaces before priming. NOTE ensure an even coat is applied, do NOT allow to form puddles on the surface.  Ideal to be used to seal the underside and edges of timber (Use undiluted).
Interior Dry	✓	
Exterior	✓	Ensure direct to earth sub floors incorporate an effective damp proof membrane Can be modified in cement screeds/rendering and provide a slurry coat to bond screeds to concrete.
Wet Areas	✓	Background should be protected from water ingress. (e.g. by using Dunlop Shower Waterproofing Kit)
Power Showers	✓	Background should be protected from water ingress. (e.g. by using Dunlop Shower Waterproofing Kit)
Swimming Pools	✓	Can be used for bonded screeds i.e. slurry coat. Contact DUNLOP TECHNICAL HELPLINE for more information.
Underfloor Heated Screeds	✓	The floor will need to be commissioned before tiling can be started. Contact DUNLOP TECHNICAL HELPLINE for more information.
Electric Undertile Heating	✓	When used over a DUNLOP LX 360 FLOOR LEVELLER see below for background information below. Contact DUNLOP TECHNICAL HELPLINE for more information.

### BACKGROUND – ADMIXTURE

Bricklaying/pointing	✓	Add 10-15kg DUNLOP SBR UNIVERSAL BONDING AGENT to 50kg cement.
Plastering	✓	<b>Used as a slurry coat:</b> Dilute 1 part DUNLOP SBR UNIVERSAL BONDING AGENT to 4 parts water and mix 9 parts plaster. <b>Used in the plaster for best results to form the background:</b> Mix 2 – 4kg DUNLOP SBR UNIVERSAL BONDING AGENT 50kg plaster Dampen surface before application and apply plaster before slurry coat dries. Contact DUNLOP TECHNICAL HELPLINE for more information.
Rendering/screeding/patching/repairing	✓	<b>Used has a slurry coat</b> Add 1 part sand to 1 part cement by weight. Mix with the appropriate amount of DUNLOP SBR UNIVERSAL BONDING AGENT pre-diluted with 1:1 with water to achieve consistency required. <b>Used in the mortar for best results to form the background:</b> Mix 5 – 10kg DUNLOP SBR UNIVERSAL BONDING AGENT 50kg cement. Contact DUNLOP TECHNICAL HELPLINE for more information.

**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 – PRIMING AND SEALING**

Undiluted (neat)	✓	Use on the following backgrounds: - Sealer/Primer before tiling ✓ Vinyl Tiles - Brush on the surface and fix tiles when still tacky. ✓ Underside and edges of Plywood sheets
Diluted 1 part primer to 2 part clean water  (2 coats and second applied 90° to the first) Allow to dry between coats.	✓	Use on the following backgrounds: ✓ Plaster walls when using a DUNLOP cement-based adhesive ✓ Tongued and grooved floorboards (before using a DUNLOP adhesive with DUNLOP PROCOVER uncoupling mat. ✓ Plywood Overlays (minimum 15mm thickness).
Diluted 1 part primer to 4 part clean water  (1 coat of DUNLOP SBR UNIVERSAL BONDING AGENT)	✓	Use on the following backgrounds: ✓ Plaster walls when using a DUNLOP ready mixed adhesive, ✓ Cement/sand screeds and rendering ✓ Concrete
First coat diluted 1:4 with water and second coat diluted 1:2 with water  (2 coats and second applied 90° to the first) Allow to dry between coats.	✓	Use on the following backgrounds: ✓ Calcium sulphate screeds ✓ Anhydrite screeds  Contact DUNLOP TECHNICAL HELPLINE for more information.
Diluted 1:4 or diluted 1:2 with water	✓	Used on the following sheets and boards: ✓ Fibre-reinforced cement boards ✓ Lightweight tile backer boards ✓ Calcium silicate boards  NOTE always check with the manufacture for guidance

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**IN A NUTSHELL**

DUNLOP SBR UNIVERSAL BONDING AGENT is a high quality, water-based synthetic polymer, suitable for priming, sealing or dustproofing surfaces prior to the application of ceramic tiles. It is also a suitable admixture for the preparation of screeds, rendering, plaster and slurry bonding coats.

**DIRECTION FOR USE****Priming, sealing & dustproofing**

May be applied directly with a brush as a primer, sealer or dust-proofer

- Priming the top, back face and edges of plywood: Apply undiluted SBR UNIVERSAL BONDING AGENT
- For priming porous concrete and cement: sand screeds dilute 1 part SBR UNIVERSAL BONDING AGENT with 4 parts of water by volume
- For priming calcium sulphate-based screeds, apply two coats. The first coat should be diluted 1 part SBR UNIVERSAL BONDING AGENT with 4 parts water by volume. The second coat should be diluted 1 part SBR UNIVERSAL BONDING AGENT with 2 parts of water by volume.

**Slurry bonding coat**

Mix 1 part sand to 1 part cement by weight. Add the appropriate amount of DUNLOP SBR UNIVERSAL BONDING AGENT pre-diluted 1:1 by volume with water to achieve the correct required consistency.

Add 1 part sand to 1 part cement by weight. Mix with the appropriate amount of DUNLOP SBR UNIVERSAL BONDING AGENT pre-diluted with 1:1 with water to achieve consistency required.

Brush the slurry onto the prepared surface and apply the mortar while the slurry coat is still wet or tacky.

**Admix for rendering/screeds**

Typical mix: 1 part cement: 4 part sand aggregate requires approximately 5-10kgs of DUNLOP SBR UNIVERSAL BONDING AGENT by weight. Sand aggregate for renders should conform to BS EN 13139 0/2 (CP or MP) category 2 fines.

Sand aggregates for screed should conform to BS EN 13139 0/4 category 1 (MP) and the recommendations of PD 6682-3.

**Admix for plaster**

Dependent upon thickness, mix 2-4kg of DUNLOP SBR UNIVERSAL BONDING AGENT with about 50kg of plaster.

**COVERAGE**

**Primer/Sealer:** As neat primer/sealer, 12m<sup>2</sup> per kg

**Slurry Mix:** As a slurry mixed with cement, 3m<sup>2</sup> per kg.

**Cement:Sand Renders:** In renders at a 1:4 cement: sand mix incorporating 5kg per 50kg cement, approx.. 1.5m<sup>2</sup> per kg of DUNLOP UNIVERSAL BONDING AGENT (assuming a 12mm bed)

**Cement:sand Screeds:** In cement sand screeds at a 1¼ cement:sand mix incorporating 10kg per 50kg cement, requires approximately 0.25m<sup>2</sup> of per kg of DUNLOP SBR UNIVERSAL BONDING AGENT assuming a 50mm bed thickness

**Plaster:** In plaster at 2kg per 50kg plaster, approx. 5m<sup>2</sup> per kg (assuming a 12mm bed of plaster).

**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](http://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](http://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.