

DUNLOP GX-500 FLEXIBLE GROUT



TECHNICAL SUMMARY

Size	2.5kg & 10kg
Colour	Polar White, Jasmine Cream, Harvest Beige, Sahara Sand, Conker Brown, Mist Grey, Graphite Grey, Liquorice Black
Classification	CG2WA
Description	Flexible wall & floor grout in eight colours for use with ceramic, porcelain, natural stone & mosaic tiles.
Coverage	Approximate coverage based on 300mm x 300mm x 7mm tile with a 3mm joint = 0.38kg/m ²
Pot Life*	45 minutes (at 20°C)
Setting Time*	24 hours minimum
Joint Width	2mm walls ; 3mm floors -15mm
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 and away from excessive draught. If stored correctly the shelf life of this product is 12 months.

*Depending on temperatures, background and site conditions

TECHNICAL DATA – GX-500 FLEXIBLE GROUT

DATE ISSUED: 08.08.2023 Ref: DUN GX-500/001

SITUATION

Walls	✓	
Floors	✓	
Interior Dry	✓	
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	✓	May require the use of DUNLOP FLEXIBLE ADDITIVE (1 part additive to 2 parts water by volume) Do not fill pool for at least 3 weeks after completion of the grouting. Contact DUNLOP TECHNICAL HELPLINE for more information.
Exterior	✓	May require the use of DUNLOP FLEXIBLE ADDITIVE (1part additive to 2 parts water by volume) Contact DUNLOP TECHNICAL HELPLINE for more information.
Underfloor Heated Screeds	✓	Heating must be fully commissioned within screed prior to tiling. The heating must not be switched on for at least 2 weeks after completion of the grouting. Check with the manufacture of the heating system Contact DUNLOP TECHNICAL HELPLINE for more information.
Electric Undertile Heating	✓	The heating must not be switched on for at least 2 weeks after completion of the grouting. Check with the manufacture of the undertile heating system 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

TECHNICAL DATA – GX-500 FLEXIBLE GROUT

DATE ISSUED: 08.08.2023 Ref: DUN GX-500/001

TILE TYPE

Glazed - ceramic	✓	
Unglazed – ceramic	✓	
Porcelain	✓	Joints may require to be left for longer before washing off using a damp sponge.
Natural Stone – translucent / water sensitive (water sensitive may suggest resin agglomerated stone)	✓	May require the use of DUNLOP FLEXIBLE ADDITIVE (1 part additive to 2 parts water by volume) Contact DUNLOP TECHNICAL HELPLINE for more information.
Natural Stone – non translucent	✓	
Mosaics - ceramic	✓	
Mosaics - porcelain	✓	Joints may require to be left for longer before washing off using a damp sponge.
Mosaics – natural stone	✓	

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

IN A NUTSHELL

DUNLOP GX-500 FLEXIBLE GROUT is a water and frost-resistant powder-based grout suitable for use with both wall and floor tiles. Ideal for grouting ceramic, porcelain, and mosaic tiles in interior and exterior locations including power showers (without body jets) and swimming pools. The flexible nature of the product reduces the risk of cracking, leaving a super smooth but hard-wearing finish without patchiness or surface discoloration. Also suitable for use with brick slips, refer to DUNLOP TECHNICAL HELPLINE for advice.

PREPARATION

1. Ensure that the tile adhesive has fully set and dried prior to grouting. With impervious or low porosity surfaces, if a ready mixed adhesive has been used, leave at least 3 days to dry before grouting.
2. Clean out all loose debris from the joints and ensure they are clean and dry before grouting.
3. Do not grout in temperatures less than 5°C or in damp conditions. GX-500 is temperature resistant up to 100°C

MIXING

Mix in the ratio of approx. 3.5 parts powder to 1 part water by volume. Slowly add the powder to clean, cold water and mix thoroughly until a smooth paste is obtained.

Only mix enough grout for 45 minutes working time (at 20°C).

Wait 2-3 minutes then briefly mix again. No further water should be added after the original mixing.

For surfaces such as single layer timber floors, wall and floor areas subjected to movement or areas with great demands such as power showers with body jets, DUNLOP FLEXIBLE ADDITIVE (pre-diluted 1:2 by volume with water) should be used.

APPLICATION

1. Work in small areas. Completely fill the tile joints with the aid of a rubber squeegee or grout float and compact well. Excess grout should be removed as work proceeds.
2. Allow about 15 minutes for the grout to dry sufficiently and firm up in the joints before cleaning off any excess with a damp sponge, use as little water as possible to “wash off” the tiles. Rinse the sponge out frequently with clean water and work in a diagonal direction across the joints. Polish the tiles with a clean, dry cloth when the grout is sufficiently set.
3. Tiles can be subject to normal conditions after a minimum of 24 hours. When grouting external areas, protect from inclement weather and frost during application and for a minimum of 24 hours after application.
4. Swimming pools should not be filled for at least 3 weeks after completion of grouting.
5. Showers should not be used for at least 2 weeks after completion of grouting.
6. After grouting underfloor heating, the heating should not be turned back on for a minimum of 14 days

NOTES

1 Care needs to be taken to avoid staining of the tiles, always check a test area prior to grouting, where staining occurs apply a suitable protective sealer such as DUNLOP TEMPORARY TILE SEALER and check the tile, if necessary, re-apply further coats until staining does not occur. Carefully clean excess grout from the tile surface during application.

2 DUNLOP GX-500 FLEXIBLE GROUT is water resistant but not impervious to water.

3 Care should be taken when grouting highly polished tiles or tiles with a soft decorative glaze or metal lustre. Carry out a test in a small inconspicuous area. If no scratching or damage occurs to the tile, then grouting may commence.

COVERAGE

Tile Size	Joint Width	Approx Coverage
200mm x 300mm x 7mm	2mm	0.20 kg/m ²
300 x 600 x 10mm	5mm	0.42 kg/m ²

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 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.