

DUNLOP FLEXIBLE ADDITIVE



TECHNICAL SUMMARY

Size	2.5kg
Colour	White
Description	Multi-purpose admixture for improving adhesion & flexibility
Storage & Shelf Life	Stored between 5°C and 30°C and protected from frost the shelf life of this product is 12 months.

SITUATION

Walls	✓	
Floors	✓	The surface must be clean, dry, sound and flat, the use of DUNLOP Levelling Compounds maybe required before starting.
Interior Dry	✓	
Wet Areas	✓	Background should be protected from water ingress. (e.g. by using Dunlop Shower Waterproofing Kit) Depending on the background used.
Power Shower	✓	Background should be protected from water ingress. (e.g. by using Dunlop Shower Waterproofing Kit) Depending on the background used.
Swimming Pool	✓	Do not fill pool for at least 3 weeks after completion of the grouting. Contact DUNLOP TECHNICAL HELPLINE for more information.
Exterior	✓	DUNLOP FLEXIBLE ADDITIVE maybe required in certain situations.
Underfloor Heated Screeds	✓	The floor will need to be commissioned before tiling can be started. The use of DUNLOP PROCOVER maybe required. 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.

BACKGROUND

The surface to be tiled should be level, clean and free from dust, grease or any other barriers to adhesion. Suitable surfaces include:

Existing glazed Tiles	✓	DUNLOP FLEXIBLE ADDITIVE must be used when using a DUNLOP Cement based adhesive. Dilution rate with depend on the DUNLOP Adhesive used.
Vinyl tiles	✓	DUNLOP FLEXIBLE ADDITIVE must be used when using a DUNLOP Cement based adhesive. Dilution rate with depend on the DUNLOP Adhesive used. Or apply DUNLOP SBR UNIVERSAL BONDING AGENT undiluted to the vinyl tiles.
Plywood overlay timber floors	✓	DUNLOP FLEXIBLE ADDITIVE must be used when using a DUNLOP Cement based adhesive. Dilution rate with depend on the DUNLOP Adhesive used.

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

TILE TYPE

Glazed - ceramic	✓	Cannot be generally used for external or heavy traffic floor areas Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Unglazed - ceramic	✓	Normally used in commercial/industrial situations and more used for wet areas and external. Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Porcelain	✓	Very hard and low water absorption, use either DUNLOP products with the Porcel Bond icon or add DUNLOP FLEXIBLE ADDITIVE to the adhesive or grout. Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Natural Stone – translucent / water sensitive (water sensitive may suggest resin agglomerated stone)	✓	Certain light colored stone tiles may be susceptible to staining. For dense impervious stone and resin agglomerated stone, DUNLOP FLEXIBLE ADDITIVE may be required. The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice. Check with the supplier/ manufacture if the stone will require sealing the face before tiling or grouting.
Natural Stone – non translucent	✓	Check with the supplier/manufacture if the stone will require sealing the face before tiling or grouting. Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Mosaics - ceramic	✓	Supplied on sheets, mesh/paper or plastic. Follow manufacture instruction on installation (note it is better to stagger the sheets when fixing). Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Mosaics – porcelain/glass	✓	Supplied on sheets, mesh/paper or plastic. Follow manufacture instruction on installation (note it is better to stagger the sheets when fixing). Use either DUNLOP products with the Porcel Bond icon or add DUNLOP FLEXIBLE ADDITIVE to the adhesive or grout. Note: The choice of tile adhesive will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.
Mosaics – natural stone	✓	Supplied on sheets, mesh/paper or plastic. Follow manufacture instruction on installation (note it is better to stagger the sheets when fixing). The sheets maybe required sealing before fixing, check with the supplier/ manufacturer. Note: The choice of tile adhesive and grout will also be dependent upon the type of wall or floor background. Please refer to the individual Dunlop product technical data sheets for further advice.

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 FLEXIBLE ADDITIVE is a high quality, water-based polymer emulsion for use with cement based adhesives and grouts, where a degree of flexibility, vibration resistance or increased adhesion strength is required e.g. when tiling with fully vitrified (such as porcelain) tiles or marble or when tiling onto glazed or other non-porous surfaces etc.

Use of DUNLOP FLEXIBLE ADDITIVE:

- a) Enhances bond strength
- b) Reduces water permeability
- c) Enhances flexural strength

For DUNLOP Cement based adhesives and grouts, dilute with water as required;

Tile Adhesives

DUNLOP CX-24 ESSENTIAL TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.
DUNLOP CX-03 FAST SET TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.
DUNLOP CF-24 FLEXIBLE TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.
DUNLOP CF-03 FLEXIBLE FAST SET TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.
DUNLOP CLF-03 FLEXIBLE LARGE FORMAT NATURAL STONE	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.

DUNLOP CS1-12 ULTRA FLEXIBLE TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 3 Parts Water.
DUNLOP CS1-03 ULTRA FLEXIBLE FAST SET TILE ADHESIVE	1 Part DUNLOP FLEXIBLE ADDITIVE to 3 Parts Water.

Tile Grouts

DUNLOP GX-500 FLEXIBLE GROUT	1 Part DUNLOP FLEXIBLE ADDITIVE to 2 Parts Water.
DUNLOP WALL GROUT	1 Part DUNLOP FLEXIBLE ADDITIVE to 2 Parts Water.
or	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.
DUNLOP FLOOR & WALL GROUT	1 Part DUNLOP FLEXIBLE ADDITIVE to 2 Parts Water.
or	1 Part DUNLOP FLEXIBLE ADDITIVE to 1 Part Water.

DIRECTIONS FOR USE

1. Do not use below 5°C.
2. For use with adhesive, dilute additive with water as required (Please see above).
3. For grout, use two measures of water to one measure of additive by volume. Where conditions are particularly severe or excessive movement or vibration may occur, dilute with an equal volume of water.
4. Add the cement based adhesive or grout to the diluted additive and mix thoroughly until an easily workable slump free mortar is obtained.
5. The working characteristics can be modified by slightly increasing or reducing the amount of cement based adhesive or grout powder added to the mix as required to suit the site conditions i.e. temperatures on site.
6. The setting time of Dunlop adhesives and grouts modified with DUNLOP FLEXIBLE ADDITIVE will generally be extended.
7. Tools and tile faces should be cleaned thoroughly before the adhesive or grout dries.

Note: Use of Dunlop Flexible Additive in Dunlop tile grouts may enhance the colour.

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.