



SUPER FEATHER PATCH

DESCRIPTION:

Super Feather Patch is part of the DGL Bondlast Construction Products screed range which gives a ready-to-use compound simply by mixing with water. It exhibits excellent trowelling with good hardening and drying properties. Single component, fast curing, cement-based very fine smoothing compound.

TYPICAL FEATURES | BENEFITS:

- Super Feather Patch is a fast setting cementitious based underlayment specifically formulated for smoothing ridges, patching cracks or holes and featheredge transitions.
- The specifically selected cements and polymers produce a fast-setting smoothing compound with exceptional adhesion to most prepared flooring materials.
- It is used for internal applications.
- Easy to use – just add water.
- No priming required.
- High adhesion.
- Fast setting with a 15 minute work time.
- It is suitable for concrete floors and fibre cement sheets.

PERFORMANCE DATA:

Element	Value	
Application Temperature:	+10°C - +30°C <i>Where temperatures less than 10°C or greater than 30°C are encountered, contact DGL Bondlast technical staff for specific advice.</i>	
Pot-Life:	+20°C ~ 65%RH	Approximately 15 minutes
Can be walked on:	+20°C ~ 65%RH	Approximately 1 hour
May be Covered after:	+20°C ~ 65%RH	Approximately 3-5 hours @ 1mm <i>Depending on when the relative humidity is under the value for the covering. Drying time is dependent on ambient temperature, the screed's thickness, the surface's moisture content and temperature. *Use a moisture meter to check dryness in critical applications</i>
Adhesion Properties to correctly prepared surface:	Excellent	
Composition:	Blend Special Cement & Natural sand	
Coverage:	Super Feather Finish Powder 10kg Water 3.5 litres <i>When mixed, it produces approx. 8lts of wet volume. Expect to gain anything up to 30sqm depending on texture of substrate.</i>	
Recommended Thickness:	0 – 3mm approx.	
Appearance:	Grey when dry	
Clean Up:	Wash hands with warm soapy water after any skin contact. Hot soapy water for cleaning tools is better than solvents.	
Dangerous Goods Class:	Refer: SDS	
Packaging:	10 litre Plastic Pail <i>Rotate the stock to ensure that the oldest material is used first.</i>	
Shelf life:	6 months from date of manufacture unopened and stored in dry internal conditions <i>After this period consult with DGL Bondlast Construction Products.</i>	

RECOMMENDED USES:

- Very fine Smoothing Compound.
- Suitable for smoothing over plywood ceramic tiles or cement sheet.
- Interior.

NOT RECOMMENDED:

- Application below +10°C air temperature.
- Application to incorrectly prepared surfaces.

SUBSTRATE PREPARATION:

The substrate must be sound, smooth, dry, and clean.	
Remove all dust, dirt, oil, scale, laitance, paint or any other contaminates that may inhibit a good bond.	
Cracks should be excavated with any loose or crumbly material being removed.	
Concrete floors must be dry in accordance with NZS/AS1884 – 2013 (70% RH maximum).	
Concrete:	The surface must be clean and dry.
Fibre Cement Board, Plywood:	The surface must be dry, clean, and sanded lightly.

PRIMING | SEALING:

The surface to be bonded must be prepared, clean and sound.	
Concrete & Fibre-Cement board:	Generally, priming is not required for Super Feather Patch.
Non-Porous Floors	Generally, priming is not required for Super Feather Patch.
Wet or Damp Concrete Floors:	If in doubt about potential wet or damp floors, seal with Aquakem (Aquaguard 101) before proceeding. <i>Refer: DGL Bondlast Construction Products Aquakem technical literature.</i> <i>Note* The requirement of the Aquakem in these situations will increase the installation time of the project.</i>

MIXING RATIOS:

Product	Values
Super Feather Patch Powder	10 kg
Water	3..5 litres

CAUTION:

Super Feather Patch is to be mixed within the specified parameters of this document. Only these will produce a hard, non-softening product. Adding more water (with the aim of making the product “easier to use”) will not work and will only result in a reduction of bond and tensile strength.

Only the stated mix ratios will work and exhibit the stated performance data.

MIXING:

Mixing:	Place a small amount of clean water into a clean pail, then add small amount of powder while mixing to achieve the desired paste-like consistency.
Extra water:	Do not overwater as this will result in a weak and powdery finish.

The compound should be used within 15 minutes at 20°C.

APPLICATION METHOD:

Steel trowel	to achieve the required finish.
Surface Finish:	Apply the mixed compound to the substrate using a trowel. Apply from featheredge up to 3mm thickness. Imperfections or minor trowel ridges can be removed after 1 hour by gentle sanding. Allow to dry before installing floorcoverings – wipe any sanded areas with a damp cloth to remove dust prior to installing floor coverings.
Protect:	Ensure Super Feather Finish is protected from full sun and wind to ensure good hydration and curing

HEALTH & SAFETY: Refer: safety data sheets (SDS).

- Hazardous according to the criteria of NOHSC.
- Contains cement silica.
- Wear gloves and mask.
- Wash hands with warm, soapy water after any skin contact.
- Manual handling of this bag without due care and attention may result in personal injury.

FLOOR LEVELLING COMPOUND RANGE:

Patch Repairs

Product	Application Thickness	Mix Additive	Application Area	Use
Bondlast Rapid Patch 40	0 - 100mm in a single application	Water	Interior	Rapid Set
Hardfast (White Patch)	0 - 20mm in a single application	Water	Interior	Divots Isolated patching only

Bulk Fill

Screed 20 +	10 - 100mm in single application	Water	Interior	Heavy Duty Bulk Fills - Ramps
Bondlast Rapid Screed	5 - 200mm in a single application	Water	Interior / Exterior	Rapid Set Shower Falls

Two-Part Screed

Durabond Superfine	0 - 5mm in a single application	Latex Emulsion	Interior	General Purpose - Fine Finish
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Self-Levelling

Bondlast Super Level 30	0 - 12mm in single application Self-Smoothing at >3mm	Water	Interior	Self-Levelling Installations
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Fine Feather Finish

Bondlast Super Feather Patch	0 - 3mm in single application Very fine finishing	Water	Interior	Fine Smoothing of floors
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