



CB103 ADHESIVE

DESCRIPTION:

CB103 is a versatile, brushable, solvent based contact adhesive.

CB103 is suitable for bonding varying materials to themselves and substrates.

TYPICAL FEATURES | BENEFITS:

- Tough, yet resilient bond.
- High solids content, therefore, gap filling.
- Solvent based, therefore tacks up rapidly.
- Will adhere well to timber | metals | fabrics.
- Will adhere well on concrete and/or timber.

PERFORMANCE DATA:

Element		Value
Minimum Application Temperature:	~ Air	+10°C
Maximum Operating Temperature:		+80°C
Flash Point:		-22°C
Adhesion Properties to correctly prepared surface:	~ Fabrics ~ Metals ~ Timbers	Excellent Excellent Excellent
Type:		Brushable contact adhesive
Base:		Polychloroprene rubber / resin
Adhesive Solids:		18 - 22%
SG kg/litre:		0.8
Colour:		Natural (<i>Honey Coloured</i>)
Thinning:		May be thinned with small amounts of Solvent HA
Coverage:		Approximately 6m ² per litre /per surface (<i>3m² of bonded area per litre</i>)
Open Time:	+25°C –50%RH	1 – 10 minutes <i>Dependent upon atmospheric conditions, air movement, air temperature and the porosity of the substrate.</i>
Clean Up:		When wet, Solvent HA <i>(Do not spill onto floor coverings as the solvents are strong and very difficult to remove or will surface stain the finished flooring).</i>
Dangerous Goods Class:		Refer: SDS
Packaging:		1 litre tin 4 litre tin 20 litre metal pail
Shelf life:		6 months from date of manufacture when stored in an unopened container at 5 – 30°C **Must not Freeze** <i>After this period consult with DGL Bondlast Construction Products.</i>

RECOMMENDED USES:

- Metal foils.
- Commercial flooring vinyl.
- Plastic laminates to themselves or to timber or particle board.
- Polyurethane foams.
- Carpets.
- Timber veneers.

NOT RECOMMENDED:

- Application to uncured concrete (*Minimum Cure 28 days*).
- Application to unstable substrates.
- CB103 is not suitable for expanded polystyrene foams.
- Do not apply onto waterproofing membranes.
- CB103 is solvent based; take care that solvent sensitive backings on materials will not be damaged.
- Application to wet or damp substrates.
- Staining is possible on some materials
- Not suitable on or with solvent sensitive materials.
- For bonding untested materials.

SUBSTRATE PREPARATION:

It is essential that the surfaces to be bonded are dry and clean.	
Surface Preparation:	All traces of dust, oil and dirt must be removed; it may be necessary to wipe surfaces with Solvent HA.

APPLICATION METHOD:

Roller Brush Spreader	
Stir adhesive thoroughly prior to use: <i>A small amount only of Solvent HA may be added to thin if necessary.</i>	
Application:	The rapid drying of the solvent in cold/damp conditions may cause blooming (water condensation on the surface – a whitening effect). This will affect adhesion. Improve forced air ventilation or warm the area or wait until the blooming dissipates. ● Apply a uniform coat of adhesive on both surfaces to be bonded. ● Allow adhesive to dry until it feels slightly tacky to the touch. <i>(This will take 1 – 10 minutes depending on porosity of materials and ambient temperature).</i> ● On porous surfaces (<i>e.g. edges of particle board</i>), it is desirable to apply a second coat of adhesive. ● Once the adhesive has dried to the slightly tacky stage, the materials may be joined immediately or up to 30 minutes later. ● Accurately position the surfaces to be bonded then bring the coated surfaces together with smooth, firm pressure. ● Final bond strength will be obtained after 48 hours. ● Rolling with a square edge or round edge heavy hand roller will dramatically improve adhesion.

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

- Wear appropriate safety equipment and clothing
- Contains potentially strong solvents (toluene, ketones, and aliphatic hydrocarbons). Breathing of vapour should be avoided.
- Use organic vapour masks, particularly in confined spaces.
- The use of fans to provide positive forced air draft and/or extraction is recommended.
- Do not use CB103 near naked flames, electric heaters, electric motors, or other sources of ignition such as gas pilot lights.
- Avoid skin contact.

ADHESIVE RANGE:

Solvent-based

Product	Type	Colour	Application Method	Installation Type
CB103	Brushable Contact	Straw	Brush Roller	Various – Refer Technical Literature
CS110	Sprayable Contact	Straw	Brush Roller Spray	Various – Refer Technical Literature
CS107	Sprayable Contact	Red	Brush Roller Spray	Various – Refer Technical Literature
Roberts 6037	Trowel Grade	Cream	Trowel	Garage & Outdoor Carpet
Quicktack	Trowel Grade	Cream	Trowel	Garage & Outdoor Carpet

Water-based

Product	Type	Colour	Application Method	Installation Type
Duracryl HSV	Acrylic	Off-white	Trowel	Vinyl – all types Vinyl Planks ¹
Supacryl	Acrylic - Zero VOC	White	Trowel	Vinyl – all types Vinyl Planks
Truestik VA1	Acrylic - Zero VOC	Off-white	Trowel	Vinyl – all types Vinyl Planks
Supatack T9 -Gen 2	Acrylic	Off-white	Trowel	Vinyl – all types Vinyl Planks
Garatack	Acrylic	Off-white	Trowel	Carpet
Goldstix	Latex-based	Off-white	Trowel	Carpet
Bondstix	Latex-based	Off-white	Trowel	Carpet
RMA 2000 CTA	Acrylic	Pink	Trowel Roller	Carpet Tiles Polystyrene

Epoxy | Polyurethane

Product	Type	Colour	Application Method	Installation Type
NPU Adhesive	2-part Polyurethane	Beige	Trowel	Various – Refer Technical Literature
Truestik EA	2-part Epoxy	Green	Trowel	Various – Refer Technical Literature ²

Footnotes:

1 Recommended adhesive for vinyl plank

2 Recommended adhesive for vinyl planks in areas exposed to solar heat gain.

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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