



RMA 2000 CTA ADHESIVE

DESCRIPTION:

RMA-2000-CTA is a pure acrylic adhesive formulated to give a dry adhesive film with extremely high tack properties.

RMA-2000-CTA was particularly designed for installing modular carpet tiles so that the tiles could be lifted and replaced regularly and where adhesion to polystyrene is required.

RMA-2000-CTA is a VLVO (Very Low Volatile Organic Content) resistant to plasticiser migration and was previously known as RMA 86.

TYPICAL FEATURES | BENEFITS:

- Single stick: tackified, trowelable mastic
- The releasable aspects of this adhesive are only applicable when used with smooth, dense, glossy backed tiles, tiles with bitumen or latex backs will not release.
- RMA-2000-CTA can be used for many other application where high tack properties are required.
- Not all materials are releasable from the adhesive, foam back carpets, for example, will tear when removed from the adhesive.

The use of test strips are advised if in doubt .

PERFORMANCE DATA:

Element	Value
Minimum Application Temperature: ~ Air ~ Floor	+10°C <i>Never apply adhesive when floor temperature is 5°C or less.</i> +5°C <i>Tack off time will be very slow if floor temperature is 5-10°C</i>
Maximum operating temperature:	+60°C
Flash Point:	NA – Water-based
VOC Emission Testing: "Test Method: SCAQMD method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168." This states that adhesives must have less than 50 g/lit of VOC.	1.8 g/L
Adhesion Properties to correctly prepared surface: ~ Concrete ~ Timbers	Excellent Excellent
Appearance:	Pink Tone Dries to a light transparent colour
Type:	Single stick trowelable paste
Base:	Pure acrylic water borne Low VOC
Adhesive Solids:	50%
SG kg/litre:	1.0 - 1.05
Colour:	Pink Tone
Thinning:	Do Not Thin
Coverage:	8m ² /litre <i>This will depend on trowel, floor finish and porosity.</i>
Pot Life (Usable Life) <i>Pot life is based on 100-gram samples.</i>	+25°C –50%RH Open Time: Remains Tacky Ensure dust is kept from settling on the surface if left exposed.
Clean Up:	When wet, RMA-2000-CTA is readily cleaned up with hot soapy water. Solvent HA may be used on dried excess adhesive, taking care not to spill solvent onto any surrounding finished surfaces. Wash hands with warm soapy water after any skin contact. Solvent HA for tools.
Dangerous Goods Class:	NA – Waterborne
Packaging:	15 litre Plastic Pail
Shelf life:	12 months from date of manufacture when stored in an unopened container at 5 – 30°C **Must not Freeze** <i>After this period consult with Bondlast Construction Products.</i>

ENVIRONMENTAL RATING:

RMA 2000 is a pure acrylic adhesive
RMA 2000 emits on curing, 1.8grams / lt of emitted materials .
This product therefore is considered to comply with Green Star or LEEDS systems for a star for adhesives.

RECOMMENDED USES:

- Modular carpet tile installations.
- High tack adhesion to polystyrene.

NOT RECOMMENDED:

- Application to uncured concrete (*minimum cure 28 days*).
- Application to damp or wet substrates.
- Should not be used in exterior situations.
- Application to unstable substrates.
- For bonding untested materials.

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 interfere with a good bond.	
Concrete:	Do not use on substrates that have been chemically cleaned. Check that new concrete and floor levelling compounds have been allowed to dry sufficiently. Check that an effective damp-proof membrane is installed in the concrete. <i>Refer NZFMC Manual 5002.</i> Use RMA2000 on concrete substrates with in-situ Relative Humidity per the latest version of ASTM* F2170 up to 80% RH and with surface pH from 7 - 9. <i>*ASTM International, formerly known as the American Society for Testing and Materials: www.astm.org</i>
Wet or Damp Concrete Floors:	If in doubt about potential wet or damp floors, seal with Aquakem (<i>Aquaguard 101</i>) before proceeding. <i>Refer: DGL Bondlast Aquakem technical literature.</i>
Porous Substrates:	Very Porous floors should be sealed with a suitable sealer, <i>Refer: DGL Bondlast “Universal Primer.”</i>
Timber and Composite Board:	The surface must be dry, clean, and sanded lightly. Very porous floors should be sealed with a suitable sealer, <i>Refer: DGL Bondlast “Universal Primer.”</i> Flooring grade particle board must be adequately weathered before application of adhesive.
Floor Levelling:	Levelling of floors may be done with Bondlast FLC compounds (<i>See list below</i>) or seek advice from DGL Bondlast Construction Products technical team.

APPLICATION METHOD:

Notched Trowel	
The surface to be bonded must be clean and sound.	
Application:	Ensure the floor is well prepared. Only use adhesive in good drying/setting conditions. Site conditions and substrate preparations must comply with those as described per current AS/NZS 2455 guidelines for Commercial Vinyl and Carpet Installation. The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, should be maintained at 10°- 35° C. Relative Humidity between 30% and 75% for 48 hours prior to, during, and after the testing and installation.
Modular Carpet Tile:	Follow floor-covering manufacturer’s installation instructions and proper adhesive application rate. Lay carpet tiles into adhesive that is dry (<i>this process is easily observed as the colour of the adhesive will change from a pink tone to light, transparent colour</i>) and roll with an Intafloors IF7275 75lbs. or Intafloors IF72100100 lbs. roller. Full adhesive properties are developed immediately. <i>Note Well* If bonded into wet adhesive a non-releasable bond may develop.</i>
Onto Polystyrene:	Follow product manufacturer’s installation instructions and proper adhesive application rate. Lay into adhesive that is dry/tacky (<i>this process is easily observed as the colour of the adhesive will change from a pink tone to a light, transparent colour</i>) and roll with a floor/ wall roller. Full adhesive properties are developed immediately. <i>Note Well* If bonded into wet adhesive a non-releasable bond may develop.</i>

CAUTION:

Do not return unused product from the floor surface to the pail. This will contaminate the pail. Replace lid securely when finished.

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

- Wear gloves wherever possible.
- Wash hands with warm, soapy water after any skin contact.
- Re-seal all containers tightly.

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
--------------------	---------------------------------	----------------	----------	-------------------------------

Self-Levelling

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

Fine Feather Finish

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

Date: June 2024
Replaces Oct 2021

DGL Bondlast Construction Products, a Division of DGL Manufacturing NZ
Auckland Office: 24-28 Lady Ruby Drive, East Tamaki, phone: 09-267-2772.
Auckland Trade Store: 308 Church Street, Penrose, phone: 09-583-6258.
Hamilton Trade Store: 18 Somerset Street, Frankton, phone: 07-847-8658.
Wellington Trade Store: Unit 9A, 4 Glover Street, Ngauranga Gorge, phone: 04-240-0305.
Christchurch Trade Store: 112 Carlyle Street, Sydenham, phone: 03-366-6802.
Customer Service: 0508-882-288 sales.bondlast.cp@dglgroup.com
Website: www.bondlastconstruction.com

DISCLAIMER: This information appearing in this Document (**Details**) concerning the product which is the subject of the Document (**Product**) is either based on present technical knowledge and tests done by Bondlast or tests done by, and data supplied from third parties including you, the customer. Since the actual use by you and by others of the Product is beyond the control of Bondlast, no warranty or representation, express or implied is made by Bondlast regarding the suitability for such use, nor does Bondlast accept any liability arising out of the use by you of other products or materials, whether third party or not, that may be referred to in this Document. Bondlast recommends that you carry out your own tests as to the suitability of the Product for your purpose, regarding which you accept full responsibility. In addition, if any of the Details appearing in the Document are based upon tests done by, and/or data supplied by any third party, Bondlast provides no warranties or representations in connection with those Details and you, the customer waives any right you may have against Bondlast in connection with the accuracy, completeness or otherwise of the Details. The information in this Document is not to be construed as absolutely complete or accurate since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations affecting use of the Product. Bondlast does not provide any warranty or representation to you that the Product does not infringe the intellectual property rights of any third party. All orders accepted shall be subject to the standard conditions of sale of Bondlast which are on the back of our invoice. In accepting the Product, you, the customer acknowledges and agree **a.)** The Product is or may be of a hazardous nature and that you, the customer, are responsible for the disposal of the container housing the Product in accordance with the requirements and regulations of the relevant supervising government. **b.)** The Product has a limited shelf life and must be stored strictly in accordance with the guidelines and specifications related to it. **c.)** Where the Details relate to Product tested by Bondlast, those Details are indicative only, regarding which there may be batch to batch variation. **d.)** Bondlast gives no warranty or representation as to the applicability for the particular use by you, the customer, of the Product and you the customer shall be responsible for ensuring that the Product is fit for your intended use. **e.)** Bondlast's liability for breach of any term, condition, guarantee or warranty (express or implied and concerning the information in this Document or the Product more generally) including any liability for direct or indirect consequential loss (including indirect loss of profits), is limited to the maximum extent permitted by law and, at Bondlast's election, to either replacing or repairing the goods or paying the cost of replacing or repairing the goods, or in the case of services, supplying the services again.