

# Technical Data Sheet

## Supatack T9 Gen 2 - Acrylic Vinyl Adhesive



### DESCRIPTION:

Supatack T9 is 100% acrylic adhesive designed to give a strong, water-resistant bond when used to install vinyl sheet flooring to on-grade concrete, timber and composite-board.

Supatack T9 is a High Tack LVOC (*Low Volatile Organic Content*) Vinyl adhesive.

### TYPICAL FEATURES | BENEFITS:

- Supatack T9 is recommended for all vinyl types.
- Supatack T9 has high tack properties so that peaking or bubbles are minimised.
- Extensive testing of Supatack T9 has shown that it has extremely good plasticiser resistance and non-staining properties
- Supatack T9 adhesive is based on an acrylic emulsion that “crosslinks” or bonds to the vinyl. This action develops an extremely strong bond that makes Supatack T9 a top adhesive performer.

### 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
Adhesion Properties to correctly prepared surface:	~ Concrete ~ Timbers Excellent Excellent
Appearance:	White Thix'd Liquid
Type:	Single stick trowelable paste
Base:	Pure acrylic   water borne   Low VOC
Adhesive Solids:	70%
SG kg/litre:	1.15 – 1.12
Colour:	Off White
Thinning:	Do Not thin
Coverage:	5 – 6m <sup>2</sup> /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 20 – 30 minutes <i>Dependent upon atmospheric conditions, air movement, air temperature and the porosity of the substrate.</i>
Cure Time:	+25°C –50%RH 24 hours - <i>Best after 48 hours</i>
Clean Up:	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 <b>**Must not Freeze**</b> <i>After this period consult with allnex.</i>

### RECOMMENDED USES:

- Commercial Vinyl.
- Vinyl Tiles.
- Residential Vinyl.
- Vinyl Planks.

### NOT RECOMMENDED:

- Application uncured concrete (minimum cure 28 days).
- Application to Wet or Damp substrates.
- Should not be used for exterior applications.
- Application to unstable substrates.
- For bonding untested materials.

## SUBSTRATE PREPARATION:

### Concrete

- The substrate must be sound, smooth, dry and clean.
- Remove any dirt, wax, loose paint, existing adhesives, concrete sealers, curing and parting agents, and all other foreign matter that would interfere with a good bond.
- 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. *Refer NZFMC Manual 5002.*
- Use Duracryl HSV 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.*

*\*ASTM International, formerly known as the American Society for Testing and Materials: [www.astm.org](http://www.astm.org)*

### Wet or Damp Concrete Floors

- If in doubt about potential wet or damp floors, seal with Aquakem (*Aquaguard 101*) before proceeding.  
*Refer: Aquakem technical literature.*

### Porous Substrates

- Very Porous floors should be sealed with a suitable sealer, "allnex Duraseal"

### Timber and Composite Board

- The surface must be dry, clean and sanded lightly.
- Very porous floors should be sealed with a suitable sealer; "allnex Duraseal."
- Flooring grade particle board must be adequately weathered before application of adhesive.

### Floor levelling

- Levelling of floors may be done with allnex FLC compounds (*See list below*) or seek advice from allnex Construction Products technical team.

## APPLICATION METHOD:

- 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 Sheet Vinyl and Vinyl Plank installation.
- The installation site must be acclimated with HVAC in operation.
- The floor and room temperature, as well as flooring materials and adhesive, must be maintained at 10° - 35° C,
- Relative Humidity between 30% and 75% for 48 hours prior to, during, and after the testing and installation.

### Sheet Vinyl

- Follow floor-covering manufacturer's installation instructions and proper adhesive application rate.
- Lay into adhesive the wet adhesive and roll with an Intafloors IF7275 75lbs. or Intafloors IF72100 100 lbs. roller.
- Full adhesive properties are developed once the adhesive has cured.

### Vinyl Planks

- Follow covering manufacturer's installation instructions and proper adhesive application rate.
- Lay into adhesive the wet adhesive and roll with an Intafloors IF7275 75lbs. or Intafloors IF72100 100 lbs. roller.
- Full adhesive properties are developed once the adhesive has cured.

### Notch trowel :

Notch Type	Notch Size	Trowel Usage
Versablade 680 -FFA	U Notch (Inch) 1/32 x 1/16 x 1/32	Very fine spread of adhesive - Vinyl
Versablade 680 -ACT	V Notch (Inch) 1/16 x 1/16 x 1/16	Higher spread of adhesive - Vinyl



### 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
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* <sup>1</sup>
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
Goldstix	Latex-based	Off-white	Trowel	Carpet
RMA 2000 CTA	Acrylic	Pink	Trowel   Roller	Carpet Tiles   Polystyrene
Super 7	Acrylic	Off-white	Trowel	Rigid Vinyl Tiles   Direct Stick Carpet   Underlay

**Epoxy | Polyurethane**

Product	Type	Colour	Application Method	Installation Type
NPU	2-part Polyurethane	Beige	Trowel	Various – Refer Technical Literature
Truestik EA	2-part Epoxy	Green	Trowel	Various – Refer Technical Literature* <sup>2</sup>

\*<sup>1</sup> Recommended adhesive for vinyl plank\*<sup>2</sup> 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
Supaset	1 - 100mm in single application	Water	Interior	Rapid Set
Hardfast (White Patch)	0 - 20mm in a single application	Water	Interior	Divots   Isolated patching only

**Bulk Fill**

Product	Application Thickness	Mix Additive	Application Area	Use
Screed 20 +	5 - 100mm in single application	Water	Interior	Heavy Duty   Bulk Fills - Ramps
Supaset	1 - 100mm in single application	Water	Interior	Rapid Set   Shower Falls
Unifloor	1 - 100mm in single application	Water	Interior   Exterior	Economy   Bulk Fills - Ramps

**Two-Part Screed**

Product	Application Thickness	Mix Additive	Application Area	Use
Durabond Superfine	0 - 5mm in a single application	Latex Emulsion	Interior	General Purpose - Fine Finish
Matrix	0 - 3mm in a single application	Latex Emulsion	Interior	General Purpose - Fine Finish

**Self-Levelling**

Product	Application Thickness	Mix Additive	Application Area	Use
Pourite SLC	1.5 - 10mm in single application	Water	Interior	Self-Levelling Installations
Pourite Max	5 - 30mm in single application	Water	Interior	Self-Levelling Installations

**Fine Feather Finish**

Product	Application Thickness	Mix Additive	Application Area	Use
Mastertop 505	Very fine finishing	Water	Interior	Fine Smoothing of floors
Flawfix	Very fine finishing	Water	Interior	Fine Smoothing of floors

Date: Oct 2021

Replaces: Oct 2020

**Allnex Construction Products, a Division of Allnex New Zealand Ltd**

Auckland - 14 Industry Road, Penrose, phone: 09-583-6544.

Hamilton - 18 Somerset Street, Frankton, phone: 07-847-8658.

Wellington - Unit 9A, 4 Glover Street, Ngauranga Gorge, phone: 04-240-0305.

Christchurch - 112 Carlyle Street, Sydenham, phone: 03-366-6802.

Customer Service: 0508-882-288 [cs.constructionnz@allnex.com](mailto:cs.constructionnz@allnex.com)[www.allnexconstruction.com](http://www.allnexconstruction.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 allnex 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 allnex, no warranty or representation, express or implied is made by allnex regarding the suitability for such use, nor does allnex 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. allnex 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, allnex provides no warranties or representations in connection with those Details and you, the customer waives any right you may have against allnex 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. allnex 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 allnex which are on the back of our invoice. In accepting the Product you, the customer acknowledge 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 allnex, those Details are indicative only, regarding which there may be batch to batch variation. d.) allnex 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.) allnex'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 allnex'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.