



CRC Industries NZ, Auckland NZ

## ***I. Product Description***

ADOS GreenStik Adhesives are environmentally friendly products with the following features: Exceptionally low VOC, low odour, non-toxic, non-flammable, no solvents, water based.

ADOS GreenStik Contact Adhesive is a high performance adhesive formulated for general use. It instantly forms a durable strong bond without having to apply pressure over an extended period of time – ideal where clamping is not desirable such as large surfaces areas, bonding of veneers, laminated plastics on benchtops, vinyl repairs, delicate materials, etc.

It dries to a colourless clear flexible film that can be sanded and painted and will not stain. Water resistant and designed for temperatures up to 65°C, it is suitable for interior and general exterior use. It is as an environmentally and user friendly adhesive exhibiting the benefits of a water based formulation without compromising on quality and strength.

## ***II. Application and Directions***

APPLICATION METHOD:

Spreader, brush, roller.

PREPARATION:

- All surfaces must be clean and dry and free of dust, oil or grease.
- When using with metals we recommend priming the metal surface with CRC Etch Primer before bonding.
- ADOS GreenStik Contact Adhesive is not suitable or recommended in areas continually subjected to damp conditions.

APPLICATION:

1. Apply an even layer of adhesive to both surfaces.
2. Keep surfaces apart until all the adhesive on both surfaces has dried and completely turned from white to clear and colourless. If the change in colour is not noticeable, e.g. on white surfaces, touch the surfaces (all over) with a clean finger: if they are 'sticky' to the touch, without transferring to your finger, they are ready to bond together. Moderate heat can be applied to speed up the drying process.
3. After the adhesive has turned clear and colourless, the bond has to be made within 15 minutes.
4. Position components accurately, as when contact is made, the bond will be immediate. Use dowels or similar if required.
5. Apply maximum overall instant pressure, taking care to expel any air bubbles, to ensure a complete bond. Use of a hand pressure roller, e.g. a vinyl-flooring roller, provides good direct pressure.

CLEAN UP:

- Use water before adhesive dries.
- For dried adhesive, use ADOS Solvent N or mineral turpentine to soften adhesive and facilitate removal, ensuring first that the solvent does not affect the material being bonded.

## ***III. Features & Benefits***

- **Instant permanent bond** – No waiting time, no need for clamps or other pressing facilities
- **Strong bond with high shear and peel strength** – For professional use
- **Sandable, paintable, non-staining**
- **Water resistant** – Suitable for indoor and outdoor use including kitchens and bathrooms. Not suitable for permanent immersion in water.
- **Exceptionally Low VOC** – For improved air quality and reduced health risks particularly for those with allergies and chemical sensitivities
- **Low Odour** – Low odour during application, no harmful fumes. Suitable for use in confined spaces and areas without ventilation.
- **Non-toxic** – Beneficial for your health and a good choice for the environment
- **Non-flammable** – For a safe work environment
- **No solvents** – Ideal for bonding materials likely to be damaged by solvent based products
- **Easy clean up with water**
- **Clear and colourless when dried** – For seamless repairs
- **Made in NZ for NZ conditions**

**ADOS**

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**IV. Typical Properties and Characteristics**

Type	Water Based Contact Adhesive
Composition	Blend of vinyl and acrylic polymers
Colour	White emulsion dries clear and colourless
Application Temperature Range	+8°C to +65°C
Service Temperature Range	-10°C to +65°C
Reactivation	N/A
Viscosity	5000 cP
Coverage	Up to 4m <sup>2</sup> per litre bond area
Drying Time	Approx. 30 minutes, depending on temperature and environmental conditions.
Open Time	15 minutes
Shear strength on timber	36 kg per square inch
VOC Content	73g / Litre

**V. Package Description**

Part Number	Size
8258	1 litre
8256	500 ml
8254	250 ml

**VI. Special Precautions****General:**

Use with adequate ventilation. Do not eat, drink or smoke while using. Store in a cool, well-ventilated area and indoor temperature must be between 5°C and 20°C. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

**First Aid:**

Swallowed – Give water to dilute. Do not induce vomiting. Get medical attention without delay.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Do not scrub skin.

Eyes – Hold open and flush with water for at least 15 minutes. Get medical attention without delay.

Inhalation – Remove to fresh air. If breathing difficulty get medical attention immediately.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 01/2013

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.