

KONS-ASCAC0300SB**Konstrukt® Construction Adhesive**

Konstrukt construction adhesive is ideal for bonding timber and most common construction materials including particle board, MDF board, brick, concrete, gypsum board, galvanized metal and aluminum. Construction adhesive is a synthetic rubber based adhesive designed primarily for installation of flooring and wall panels. Construction adhesive can be used in many general household applications.

DIRECTIONS FOR USE**Surface Preparation:**

- Only apply to surfaces that are clean, dry, sound and free of dust oil or contamination.
- Clean metal with mineral turpentine or white spirits. Adhesion to metals can be further improved by light sanding.

Application:

- Cut tip off cartridge, screw on nozzle and load into cartridge gun.
- Cut nozzle tip to a 5mm diameter hole (or desired size).
- Squeeze trigger and apply.

Flooring and Wall Panels

- Apply a wavy 5mm bead to each joist, batten or stud.
- Where sheets will butt together, apply 5mm beads along both edges of that joist, batten or stud so each sheet edge will be on a glue line.

Floors

- Fit sheet to joist within 15 minutes.
- Nail or screw sheets to joists at 150mm centers around the perimeter and 300mm centers through the middle, or per manufacturers instructions.
- Use putty knife to remove any adhesive squeezed out between the sheets.

Walls

- Fit panel to stud within 15 minutes and press firmly into position.
- To speed up the bonding, tilt panel back for a few minutes to allow solvent to escape.
- Refit panel making sure glue line matches up.
- Press firmly together.
- Nail or screw panels as for floors per manufacturers instructions.
- If not nailing or screwing, brace panel for at least 24 hours, until set.

- When bonding a sheet or panel to a large, flat surface, apply full length 5mm diameter. Beads every 30-40cm.

- Press into position and brace until set.

Painting

- Construction Adhesive may be painted after it has cured.

BENEFITS:

- One part - no mixing.
- Paintable with most surface coatings.
- Reduces squeaking associated with nail ride in floors.
- Complies with AS 2329 – 1999 requirements.
- Repositionable for up to 20 minutes after application.
- Reduces number of mechanical fasteners required to install floors or walls.
- Water resistant - will not break down in intermittent contact with water (e.g. rain).
- Natural wood colour - blends in.
- High bond strength.

USES:

- Installing particle board, fibre cement, plasterboard, plywood and strip flooring to joists
- Bonding fibre cement sheet, plaster board and wall paneling to wooden and metal studs High bond strength and heat resistance
- Skirting boards, architraves and trims to walls
- Replacing loose tiles on walls (not recommended for floor tiles)

COMPATIBLE SUBSTRATES

- Concrete
- Cement sheeting
- Metal
- Plasterboard
- Timber
- Fiberglass
- Plywood
- Particleboard
- Ceramic
- Masonry

COVERAGE

320g cartridge will give 15 lineal meters of a 5mm bead, or 2 sheets of 1.2 x 2.4 meter panel.

375 ml cartridge will give 19 lineal meters of a 5mm bead.

When trowelled out

2.5mm trowel	~ 1.4m ² /litre approx.
3.0mm	~ 1.2m ² /litre approx.
4.0mm	~ 0.6m ² /litre approx.

LIMITATIONS

- Do not use where temperatures will exceed 80°C.
- Is not suitable for immersion.
- Can be used in exterior applications, but must not be exposed to prolonged direct Sunlight.
- Do not apply at temperatures below 5°C.

PERFORMANCE SUMMARY

Skimming time	2-5 mins.
Repositioning time	< 20 mins.
Full cure	After seven days depending on conditions.

AS 2329.1999 PERFORMANCE SUMMARY

Appendix	Result
Sag Resistance (Appendix A)	<6mm max
Transfer (Appendix B)	>75% transfer
Aging (Appendix C)	No cracking to substrate
Initial Bond Strength (Appendix D)	>200kPa
Tensile Bond Strength (Appendix E)	>1.0MPa
Peel Bond Strength (Appendix F)	>40N
Static Load (Appendix G)	PASS – No movement

CURE TIME

Construction Adhesive forms a thin skin in 2 - 5 minutes depending on air temperature. The skin can be broken simply by pressing the floor or wall board firmly onto the adhesive with a slight twisting movement.

90% cure in three to five days. 100 % cure in seven days.

Cure rate will depend on temperature, porosity of substrates and ventilation.

SERVICE TEMPERATURE

Construction Adhesive will maintain a bond in situations where the temperature is continually between 0°C and 40°C. Construction Adhesive will withstand temperatures up to 80°C where there is a light load and if the exposure to this temperature is not prolonged.

SHELF LIFE

Use prior to the best before date printed on the bottom of the cartridge.

CLEAN UP

Wet: mineral turpentine.

Dry: scraper or sandpaper.

SAFETY INFORMATION

This product is not considered hazardous under the classification of GHS WHS Version 3. Further safety information is available on the product SDS. Avoid contact with skin and eyes. Store in a dry place below 30°C. Keep out of reach of children. A Material Safety Data Sheet is available to download at

synergysystems.com.au/konstrukt/msds-documents.html

DISCLAIMER

The information provided within this Technical Data Sheet is intended as a guide only. The performance of this product will depend on many factors outside the control of Konstrukt®; including surface preparation, surface-specific conditions, surface types, correct application and environmental conditions.

Konstrukt® recommends customers undertake their own risk assessment prior to use, to determine the suitability of the product for the particular use intended.

It is essential that a sample of the product be applied to the intended area of use to ensure it is acceptable in appearance and finish and that it performs on the specific surface.

Synergy Business Systems Pty Ltd on 1300 161 872 or visit www.synergysystems.com.au

Emergency telephone number: 131 126

Poisons Information Centre: 131 126