

# TECHNICAL DATA SHEET



# GEKKO G50

## ZERO FLAM CONTACT ADHESIVE



THE GEKKO G50 CANISTER SYSTEM IS DESIGNED FOR BONDING A VARIETY OF SUBSTRATES TO SUBFLOORS. UNIQUE IN ITS CLASS, GEKKO G50 USES ZERO-FLAM™ TECHNOLOGY WHICH INCORPORATES NON-FLAMMABLE PROPELLANT AS WELL AS NON-FLAMMABLE ADHESIVE. AS A RESULT, GEKKO G50 CAN BE USED IN AREAS WHERE FLAMMABLE PRODUCTS CANNOT BE USED.

The unique portable, fully contained canister system allows you to stand up and apply the adhesive. This will reduce knee injury, reduce labour time and increase efficiency, resulting in increased profitability for the installer.

The benefits of ZERO-FLAM™ technology makes Gekko G50 a real solution for bonding applications in occupied areas.

### BENEFITS:

- Non flammable
- Fast drying with a long open time
- Portable, quick & easy application
- 200 sprayed square metres per 22ltr canister
- Economic
- High temperature resistance

### TECHNICAL DATA

Colour:	Clear
Flammability:	Non Flam Adhesive & Propellant
Dry time:	1-2mins depending on Temp & Humidity
Open time:	1 hour
Coverage (sprayed):	200sqm per 22ltr
Temperature resistance:	105°C

### SIZES AVAILABLE

- 13.7ltr canister
- 22ltr canister



## PREPARATION AND APPLICATION

The surfaces to be glued must be sound, clean, dry and free from dust, grease and other contaminants. Existing floors must be free from all polish/wax. Prime/stabilise friable concrete/anhydrite and floors with residual adhesive with Gekko G91 Primer before application.

Subject to recommendations made by the flooring manufacturer, subfloors should be subject to 28 days of maturing and should have a maximum of 3% moisture content or 70% equilibrium relative humidity before using this adhesive. The room in which the floor is being installed should be in excess of 15°C and register an ambient humidity between 40% and 70% while the adhesive is being used. For moisture contents between 3.1% and 7%, or over 70% relative humidity, a suitable primer and moisture barrier should be used. Do not use this adhesive above these recommendations. Very porous or friable surfaces should first be primed with Gekko G91 Primer and allowed to dry. Under floor heating must be turned off 48 hours before and 48 hours after the adhesive has been applied.

It is extremely important to monitor ambient conditions throughout installation, as any change in these conditions could cause issues such as condensation, which could directly impact the success of the bond even though the substrate reading may appear correct.

**SHAKE WELL BEFORE USE.** Hold spray gun tip approx. 10 - 15cm from the surface to be covered and apply even coats to both surfaces. Do not allow it to concentrate or puddle in one area. Once adhesive has tacked off, generally within 1 - 3 minutes, contact bond can be made. To apply adequate pressure a pressure roller must be used.

Disposal of canisters: please request disposal information.

## LIMITATIONS

Always test Gekko G50 to determine suitability for your particular application prior to use in production.

Not recommended for use with plasticised vinyl's, flexible plastics, expanded/extruded polystyrene, PE or PP.

## HANDLING & STORAGE

Consult Material Safety Data Sheet prior to use.

Do not store at temperatures over 50°C.

Do not thin or reactivate with solvents.

Do not incinerate.

Keep away from sources of ignition.

Test for suitability before use.

Avoid exposure to direct sunlight.

Do not store directly on concrete floor.

For optimum performance, store at 18°C during use, but must always be above 10°C.

When connected, keep valve open and hose pressurised at all times.

Do not close valve until ready to connect to new cylinder.

Release pressure in hose before disconnection.

Always test Gekko G50 to determine suitability for your particular application prior to use in production.



**DISCLAIMER:** Due to the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate an ageing test and this test should be repeated if the substrates on which the this product is used are changed in any way or are purchased from a different source. During the evaluation and testing of the product, it is the purchasers/end user's responsibility to carry out appropriate actions for the protection of the environment, the health and safety of its employees and purchasers of its products. No employee of Gekko Industries Ltd has any authority to waive or change the forgoing provisions. The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be made in writing to the head office of Gekko Industries Ltd.