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CONTACT ADHESIVE

GEKKO® FLOORING ADHESIVES

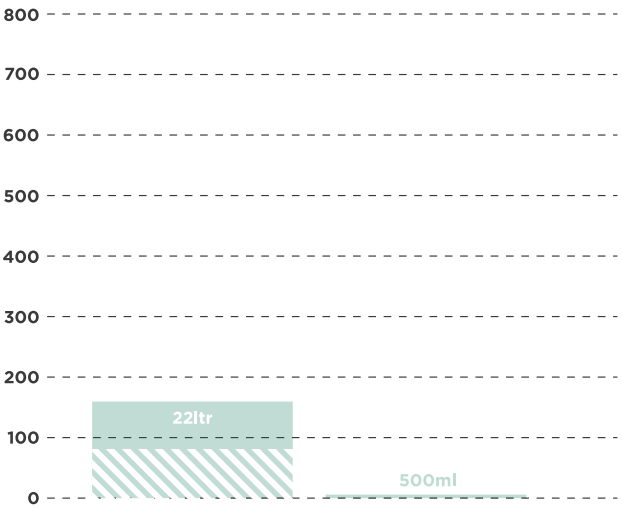
# G51

## MULTIPURPOSE CONTACT ADHESIVE

- Immediate permanent bonds can be achieved using a double-sided application.
- Versatile adhesive suitable for use with a variety of substrates.
- Fast drying with a long open time.
- Low odour.
- Good temperature resistance of up to 105°C.




## TECHNICAL DATA




**SQUARE METRE COVERAGE (m²)*:**

| | 22ltr | 500ml |
|---|---|---|
| **Single-sided** | 160m² | n/a |
| **Double-sided** | 80m² | 4m² |

*consult the Spray Manual for a more detailed tutorial on the bonding process.
**depending on environment & ambient temperature.

**APPLICATION TYPE:**
**Double-sided**

**FLASH OFF TIME**:**
**1 - 3 mins**

**OPEN TIME**:**
**40 mins**

**COLOUR:**
**Clear**

**ADHESIVE TYPE:**
**SBR**

**GUN TYPE:**
**N/A**

**HOSE TYPE:**
**N/A**

**VALVE:**
**Fixed**

**SPRAY TYPE:**
**Web**

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## PRODUCT OVERVIEW

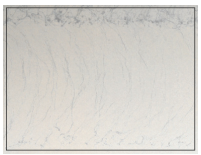
**Gekko G51** is an SBR based sprayable contact adhesive designed to be applied as a double sided adhesive to recommended substrates and subfloors. Ideal for fixing carpets and other floorcoverings to ply, hardboard, chipboard, OSB, Laytex screeds, cement, concrete, steel raised access and plaster board.

*Not suitable for use with flexible PVC, expanded polystyrene and vinyl.*

## CHEMICAL TECHNICAL DATA

| | |
|---|---|
| Colour | Clear |
| System Flammability | Non Flam Adhesive/Flam Propellant |
| Consumption | 15-20 g/m$^2$ |
| Ready for foot traffic after | 30 mins |
| Final strength after | 24 hours |
| Flash-off Time | 1-3 mins depending on atmospheric conditions. |
| Open Time | 40 mins when protected from contaminants. |
| Shelf Life | 18 months from date of manufacture |

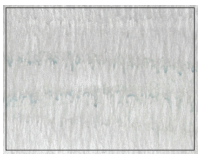
## COVERAGE



LIGHT COVERAGE



MEDIUM COVERAGE



HIGH COVERAGE

**Coverage for this product is calculated on high coverage, average 15-20 grams per s/m$^2$**

**Any less will result in reduced bond strength and/or bond failure.**

## HANDLING & STORAGE OVERVIEW

- For full handling and storage details consult Safety Data Sheet section 7.
- For optimum performance, store at 18°C during use.
- Shake well before use.
- Do not store below 10°C.
- Do not allow the product to freeze.
- Do not store directly on concrete floor.
- Do not store at temperatures over 50°C
- Avoid exposure to direct sunlight.
- Do not use in confined spaces without adequate ventilation and/or respirator.
- For full PPE information, consult Safety Data Sheet section 8.

## PRE-BONDING INFORMATION

Prior to use, check compatibility by spraying a small test patch of the adhesive on the substrate or subfloor in use. Consult both MSDS and TDS documents.

When working with absorbent materials a higher coat weight is recommended.

Full product matrix available at www.gekko-adhesives.com.

**ALWAYS READ THE LABEL.**

## SURFACE PREPARATION

- Proper subfloor preparation is essential for the correct installation of any floorcovering.
- Before bonding ensure subfloors are structurally sound, smooth and dry (<75% RH). Subfloors must be free from dirt, dust, oil, loose paint, wax or grease etc. Any contaminants may affect adhesion.
- For best bonding results, the adhesive temperature range should be between 10°C - 27°C. Optimum temperature is 18°C.

## DIRECTIONS FOR USE

- This product is designed to be applied as a double sided adhesive to recommended substrates and subfloors, see Product Matrix.
- Ensure any pre-bonding, testing and surface preparation is complete.

## CANISTER DIRECTIONS FOR USE

- Attach and secure hose tightly onto the spray gun with required tip as per the set up guide.
- Spray 4” – 8” away from the subfloor at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface.
- If necessary, another coat of adhesive may be applied in areas that appear to require more adhesive.
- When working with absorbent materials, stair trends and risers or with perimeter fixing both a higher coat weight and double-sided application is recommended.
- **Please note that a higher coat weight will reduce overall coverage.**
- Allow 1 - 3 minutes flash off time for the adhesive to tack off, temperature may affect drying times so ensure adhesive is touch dry before installing floor coverings.
- Bring surfaces together with adequate pressure to form the bond, a roller is recommended to apply a uniform pressure to achieve maximum bond strength.
- Allow 24 hours for the adhesive to fully cure.
- If the spray tip clogs, unscrew the spray tip from the gun and consult canister maintenance & storage after use.
- Do not use a pin on the spray tip.

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## AEROSOL DIRECTIONS FOR USE

- **SHAKE WELL BEFORE USE**
- Spray 4" – 6" away from the subfloor at a 90 degree angle to the surface, applying a uniform, even coat of adhesive to obtain 80% to 100% coverage of the surface.
- If necessary, another coat of adhesive may be applied in areas that appear to require more adhesive.
- When working with absorbent materials, stair trends and risers or with perimeter fixing both a higher coat weight and double-sided application is recommended.
- **Please note that a higher coat weight will reduce overall coverage.**
- Allow 1 - 3 minutes flash off time for the adhesive to tack off, temperature may affect drying times so ensure adhesive is touch dry before installing floor coverings.
- Bring surfaces together with adequate pressure to form the bond, a roller is recommended to apply a uniform pressure to achieve maximum bond strength.
- Allow 24 hours for the adhesive to fully cure.
- If the aerosol spray nozzle clogs, turn the can upside down and press the nozzle until a small amount of propellant is expelled to clear the blockage.

## CANISTER SETUP



### STEP 1
Attach and secure the hose tightly to the spray gun with the required tip. Screw the hose to the canister valve (A). Make sure the hose-valve connections are securely tightened. Open the valve slowly (B), and a rush of pressure will go through the hose.



### STEP 2
Unlock the trigger on the spray gun using the locking screw. Pull the trigger on the gun to purge the adhesive through.



### STEP 3
Adjust the spray pattern width of the gun by rotating the locking screw behind the trigger 1 turn at a time.



### STEP 4
After spraying, lock the trigger using the locking screw. **Do not turn the canister off at the valve.**

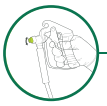
## CANISTER MAINTENANCE & STORAGE AFTER USE



### STEP 1
When the canister is not in use, close it by rotating the locking screw in a clockwise direction.



### STEP 2
Do not close the canister while the hose is connected. Turning the valve to an off position will cause the system to lose pressure in the hose and gun, resulting in adhesive curing in the hose.

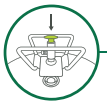


### STEP 3
Remove the tip by undoing the nut. Clean the tip thoroughly with a suitable solvent cleaner.



### STEP 4
Replace the tip and use the canister as previously directed.

## CANISTER CHANGEOVER



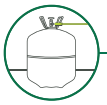
### STEP 1
Turn valve on canister into the off position.



### STEP 2
Spray out remaining adhesive left in the hose.



### STEP 3
Disconnect the spray hose and gun from the canister.



### STEP 4
Connect to the new canister as per the Set Up Guide.

## CANISTER CLEANING

Before reconnecting the spray hose to a new canister, connect to a canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean.

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## ATTENTION

If you choose to leave the hose and spray gun on the empty canister, leave the valve on the canister **open**. Do not disconnect the hose/gun from the canister until reconnection or cleaning takes place. Always close and lock the spray gun.

## REMOVAL OF ADHESIVE

To remove wet adhesive overspray, apply a solvent based cleaning product to the surface or to a rag and wipe away. Use warm soapy water to remove cleaner residue if required.

In the instance of dried adhesive it may be necessary to remove via an abrasive if the adhesive cannot be softened.

**Wherever possible, protect areas of potential overspray.**

## CAUTION

**ALWAYS USE WITH ADEQUATE VENTILATION.**

For Full PPE Information Consult SDS (Safety Data Sheet) Section 8.

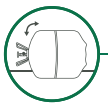
Whenever possible we recommend shaking the canister well before use.

## CANISTER DISPOSAL



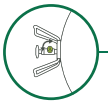
### STEP 1

Detach the gun and hose.



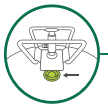
### STEP 2

Lay the empty canister on its side with the valve pointing **away** from people, and well away from sources of ignition.



### STEP 3

Open the canister valve (anti-clockwise) and release any residual pressure.

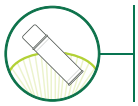


### STEP 4

Stand the canister upright. Use a hammer, brass punch, or other non-sparking instrument to puncture the friable disc.

Contact sales.uk@quinglobal.com to take advantage of our recycling facility or alternatively disposed of your canister as per your normal scrap metal disposal (subject to local waste restrictions).

## AEROSOL DISPOSAL



Disposed of the can as per your normal recycling process (subject to local waste restrictions).



### WARNING

**Do not pierce or burn even after use.**

## SUBSTRATES

| | DCM Free | PVC Profiles | Wall Cladding | PU Underlay | Rubber Crumb Underlay | Rubber Floorcoverings | Linoleum (Marmoleum) | Sheet Vinyl / Vinyl Tile | LVT | LVT / SPC Loose Lay | Cushion Vinyl - Foam Back | Cushion Vinyl - Felt Back | Carpet - Gel back | Carpet - Felt Back |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CARPET SPRAY | | | | | | | | | | | | | | |
| G51 | | | | ● | | | | | | | | | ● | ● |

## SUBFLOORS

| | Carpet - Action Back | Carpet - Fibre Bonded | Carpet Tile - Bitumen Back | Carpet Tile - PVC Back | Carpet Tile - Cushion Back | Flooring Grade Ply | Hardboard | Chipboard | OSB Board | Laytex Screed | Concrete / Sand & Cement | Calcium Sulphate - Anhydrite Screeds | Non-absorbant - Ceramic | Steel - Raised Access | Plaster Board | EPS - Insulation Board |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ● | | | ● | ● | ● | ● | ● | ● | ● | ● | | ● | ● | |

**WARNING: Site conditions vary, to ensure this product is suitable and to confirm this data sheet is current please visit www.gekko-adhesives.com.**

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