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GluDown® Construction Adhesive

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| Technical Data | July 2024 |
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| Product Description | A high strength, fast drying, pressure sensitive adhesive used for bonding concrete, fabric, fiberglass, MDF, metal, plastic, wood and other materials. |
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| Features | Web spray adhesive with dense coverage throughout spray pattern. Product offers long term heat and water resistance. Available in various packaging and nozzle configurations. |
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| Packaging | <p>Aerosol Cans</p> <ul style="list-style-type: none"> • 14 net oz aerosol can • 12 cans per case & 108 cases per pallet • Adjustable nozzle part #GD1111 • Inverted nozzle part #GD1121 <p>Canisters</p> <ul style="list-style-type: none"> • 28 net lbs per canister • 36 Canisters per pallet • Part #GD1131 |
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| Typical Physical Properties | <ul style="list-style-type: none"> • Solids: 35.4% • Color: White/Transparent • VOC Content: <ul style="list-style-type: none"> ○ Aerosol Cans: 30% ○ Canisters: 235 g/l • Temperature Resistance: >200F • Spray Pattern: Web, 2 – 6 inches (Nozzle dependent) • Net Weight: <ul style="list-style-type: none"> ○ Aerosol Can: 14 oz ○ Canister: 28 lbs • Open Time: 2 - 5 minutes² • Yield: (Single side, 2.5 gm/ft²) <ul style="list-style-type: none"> ○ Aerosol Can: 56 sq feet¹ ○ Canister: 1799 sq feet¹ |
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| Estimated Bonded Linear Feet per Aerosol Can Chart² | Width of Material in Inches | Bonded Feet per Can |
| | 0.5 | 768 |
| | 0.75 | 512 |
| | 1 | 384 |
| | 1.25 | 307 |
| | 1.5 | 256 |
| | 1.75 | 219 |
| | 2 | 192 |

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| | 2.25 | 171 |
| | 2.5 | 154 |
| | 2.75 | 140 |
| | 3 | 128 |
| | 3.25 | 118 |
| | 3.5 | 110 |
| | 3.75 | 102 |
| | 4 | 96 |

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| Storage & Shelf Life | <ul style="list-style-type: none"> • Store product at 60-80°F for maximum storage life. • Higher and lower temperatures can effect adhesives performance. • Shelf Life: 18 months from manufacture date • Rotate stock using old product first. |
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| Product Application | <ul style="list-style-type: none"> • Select the best Construction Adhesive packaging type (Aerosol or Canister) for application. • With nozzle facing surface, spray at a distance of 8” – 10” constantly moving the applicator to prevent build up on substrate. • For best bond strength apply adhesive to both surfaces. • Use minimal overlapping spray pattern on large surfaces. • Before bonding surfaces ensure that the adhesive is dry to the touch. Approximately 1 – 3 minutes. • Recommended application temperature: 40°F to 100°F • Temperature and humidity will affect open time. • Once bonded apply heavy, uniform pressure to materials to maximize adhesive strength. |
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| Removal & Clean Up | For best results apply GluDown 517 Cleaner (Part #GD8155) solvent cleaner to adhesive, scrape or rub surface until adhesive is removed. |
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| Tilt-Up | <ul style="list-style-type: none"> • GluDown® Construction Adhesive was designed to bond materials to the slab during the forming process. • Tilt-Up best practices document available at www.gludown.com • Watch the Tilt-Up best practices video at www.youtube.com/gludown • For more information contact GluDown, Inc. |
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| Regulatory Statement | <ul style="list-style-type: none"> • Aerosol cans for sale in all 50 states. • Canister Not for sale in California South Coast Air Quality Management District. |
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| Limitation of remedies & liability | If the GluDown, Inc. product is proved to be defective, THE EXCLUSIVE REMEDY, AT GLUDOWN, INC. OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE GLUDOWN, INC. PRODUCT. GluDown, Inc. shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability. |
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¹ Can vary based on adhesive application, environmental factors, and bonding surfaces