D U C T M A T E

GECKO GLUE

GECKO GLUE GOLD

GECKO GLUE SILVER

GECKO GLUE CONCENTRATE

UNION MADE IN THE USA

GREENGUARD

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS UL.COM/GG UL 2818

GOLD

Family of Duct Liner Adhesives

A Wide Range of Tack and Strength

- Solvent free water-based adhesive
- Spray, drip, roto-bond and manually apply
- Market leading wet tack
- Exceptional coverage
- Excellent water resistance
- Mold and mildew resistant
- Non-flammable in wet and dry states
- UL GREENGUARD GOLD Certified
- UL Classified
- Manufactured by SMART Local 12

DUCTMATE® Industries
A DMI COMPANY

Gecko Glue™ Gold

Premium Grade Duct Liner Adhesive

DESCRIPTION

Gecko Glue™ Gold is a versatile, easy-to-use, premium water-based duct liner adhesive. Gecko Glue™ Gold works effectively using a variety of application methods and dries faster than typical water-based adhesives to bond duct liner insulation with sheet metal.

Gecko Glue™ Gold can be sprayed and dripped on coil lines, roll-applied through roto-bonders, sprayed off line, and manually rolled or brushed on.

BASIC USE

Gecko Glue™ Gold is used to:

- Bond duct liner insulation to galvanized duct work
  - Ductmate PolyArmor™, elastomeric, or fiberglass insulation
- Seal cut edges of fiberglass insulation
- Bond kraft-backed foil covering to fiberglass
- Bond multiple layers of fibrous insulation board

SPECIAL CHARACTERISTICS

- Solvent free water-based adhesive
- Spray, drip, roto-bond and manually apply
- Market leading wet tack with strong dry tack and smooth finish
- Exceptional coverage
- Excellent water resistance
- Mold and mildew resistant
- Non-flammable in wet and dry states
- Wipes clean with soapy water before fully cured
- UL GREENGUARD GOLD Certified
- UL Classified
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Conforms to NFPA 90A and 90B requirements and SCAQMD standards

DIRECTIONS FOR USE

Apply through air-assisted spray system, on coil line or stand-alone; through automated drip-line; through automated roto-bonding; by manually brushing or rolling. Apply directly to duct wall or the open-cell duct liner insulation. All surfaces should be free from all dirt, oil and grease. For best results, adhesive should not be thinned.

Air assisted sprayer is highly recommended; see spray chart on final page for recommended spray equipment.

Storage: Store at temperatures between 35˚F–110˚F. WARNING: DO NOT FREEZE or apply at freezing conditions.

PACKAGING INFORMATION

Part Number	Description	Quantity & Weights
GECKOGLD5B	5 Gal - Black	1 - 5 Gal pail @ 45 lbs/pail
GECKOGLD54B	54 Gal - Black	1 - 54 Gal drum @ 494 lbs/drum
GECKOGLD5W	5 Gal - White	1 - 5 Gal pail @ 45 lbs/pail
GECKOGLD54W	54 Gal - White	1 - 54 Gal drum @ 494 lbs/drum

TECHNICAL INFORMATION

CHEMICAL TYPE:	Synthetic Latex
COLOR:	Black or White
ODOR:	Minimal
VOC CONTENT: EPA Method 24	Pass - Very Low
TVOC EMISSIONS: CDPH Standard Method v1.1	Pass
ASTM C916: Adhesives for Duct Thermal Insulation Type II Classification	Pass
DENSITY:	10.2 +/- 0.2 lbs. per gallon
SOLIDS:	65 +/- 2%
VISCOSITY:	10,000 cPs +/- 2,000 cPs
APPLICATION TEMPERATURE:	35°F to 110°F
STORAGE TEMPERATURE:	35°F to 110°F
DRY TIME:	8 minutes at 76°F *Depending on temperature, humidity, and recommended coverage*
FREEZE THAW STABILITY:	DO NOT FREEZE
COVERAGE:	Approximately 400 sq. ft./gal, *Depending on application technique*
SHELF LIFE:	1 year (unopened containers)
PACKAGING:	Available in 5 or 54 gallons

CLASSIFIED C UL US

GREENGUARD
PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818
GOLD

ADHESIVE
AS TO SURFACE BURNING CHARACTERISTICS
IN ACCORDANCE WITH THE STANDARD CAN/ULC-S102M ONLY + 52XF

USC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50
+ - Tested as applied in two 2 in. wide strips 8 in. on center covering 22.2 percent of the test sample area at a coverage rate of 400 sq. ft. per gallon.
Flash point of liquid adhesive, closed cup: No flash to boiling.

CNC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50
+ - Tested as applied in two 50 mm wide strips 200 mm on center covering 22.2% of the test sample area at a coverage rate of 9.8 m^2/L.
Flash point of liquid adhesive, closed cup: No flash to boiling.

LIMITED PRODUCT WARRANTY*

* See last page

Gecko Glue™ Silver

Commercial Grade Duct Liner Adhesive

DESCRIPTION

Gecko Glue™ Silver is a commercial grade, water-based duct liner adhesives specifically formulated for spray and roller coating applications.

BASIC USE

Gecko Glue™ Silver is used to:

- Bond duct liner insulation to galvanized duct work
  - Ductmate PolyArmor™, elastomeric, or fiberglass insulation
- Seal cut edges of fiberglass insulation
- Bond kraft-backed foil covering to fiberglass
- Bond multiple layers of fibrous insulation board

SPECIAL CHARACTERISTICS

- Solvent free water-based adhesive
- Spray, roll, or brush application
- Exceptional wet tack with smooth finish after drying
- Fast tacking with some dry tack for extended grip
- Exceptional coverage
- Excellent water resistance
- Mold and mildew resistant
- Non-flammable in wet and dry states
- Wipes clean with soapy water before fully cured
- UL GREENGUARD GOLD Certified
- UL Classified
- LEED® Compliant, meets all applicable EPA Method 24 and CDPH standards
- Conforms to NFPA 90A and 90B requirements and SCAQMD standards

DIRECTIONS FOR USE

Apply through air-assisted spray system, on coil line or stand-alone; through automated drip-line; through automated roto-bonding; by manually brushing or rolling. Apply directly to duct wall or the open-cell duct liner insulation. All surfaces should be free from all dirt, oil and grease. For best results, adhesive should not be thinned.

Air assisted sprayer is highly recommended; see spray chart on final page for recommended spray equipment.

Storage: Store at temperatures between 35˚F–110˚F. WARNING: DO NOT FREEZE or apply at freezing conditions.

PACKAGING INFORMATION

Part Number	Description	Quantity & Weights
GECKOSILV5B	5 Gal - Black	1 - 5 Gal pail @ 45 lbs/pail
GECKOSILV54B	54 Gal - Black	1 - 54 Gal drum @ 494 lbs/drum
GECKOSILV275B	275 Gal - Black	1- 275 Gal tote @ 2300 lbs/tote
GECKOSILV5W	5 Gal - White	1 - 5 Gal pail @ 45 lbs/pail
GECKOSILV54W	54 Gal - White	1 - 54 Gal drum @ 494 lbs/drum
GECKOSILV275W	275 Gal - White	1- 275 Gal tote @ 2300 lbs/tote

TECHNICAL INFORMATION

CHEMICAL TYPE:	Synthetic Latex
COLOR:	Black or White
ODOR:	Minimal
VOC CONTENT: EPA Method 24	Pass - Very Low
TVOC EMISSIONS: CDPH Standard Method v1.1	Pass
ASTM C916: Adhesives for Duct Thermal Insulation Type II Classification	Pass
DENSITY:	9.1 +/- 0.2 lbs. - gallon
SOLIDS:	46 +/- 1%
VISCOSITY:	4,000 cPs +/- 2,000 cPs
APPLICATION TEMPERATURE:	35°F to 110°F
STORAGE TEMPERATURE:	35°F to 110°F
DRY TIME:	11 minutes at 76°F *Depending on temperature, humidity, and recommended coverage*
FREEZE THAW STABILITY:	DO NOT FREEZE
COVERAGE:	Approximately 400 sq. ft./gal, *Depending on application technique*
SHELF LIFE:	1 year (unopened containers)
PACKAGING:	Available in 5, 54, or 275 gallons

CLASSIFIED C UL US

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UL 2818
GOLD

ADHESIVE
AS TO SURFACE BURNING CHARACTERISTICS
IN ACCORDANCE WITH THE STANDARD CAN/ULC-S102M ONLY + 52XF

USC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50

+ - Tested as applied in two 2 in. wide strips 8 in. on center covering 22.2 percent of the test sample area at a coverage rate of 400 sq. ft. per gallon.

Flash point of liquid adhesive, closed cup: No flash to boiling.

CNC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50

+ - Tested as applied in two 50 mm wide strips 200 mm on center covering 22.2% of the test sample area at a coverage rate of 9.8 m^2/L.

Flash point of liquid adhesive, closed cup: No flash to boiling.

LIMITED PRODUCT WARRANTY*

* See last page

Gecko Glue™ Concentrate

Concentrated Duct Liner Adhesive

DESCRIPTION

Gecko Glue™ Concentrate is Ductmate's patented duct liner adhesive formula available as a 54 gallon mix. Gecko Glue can be mixed on demand by simply adding water to the ingredients and mixing with a custom made highly efficient docking station system.

BASIC USE

Gecko Glue™ Concentrate is used to:

- Bond duct liner insulation, like PolyArmor™ or fiberglass insulation, to galvanized duct work
- Seal cut edges of all types of insulations
- Bond multiple layers of fibrous insulation board

SPECIAL CHARACTERISTICS

- High performance water based adhesive
- Non-flammable in wet state
- Environmentally friendly
  - Water based
  - Reduces waste
  - Reduces carbon emissions due to freight efficiencies
- On demand, quick and simple to mix
- Good wet and dry tack
- Spray, roll, or brush applications
- Non-webbing when sprayed
- Simple to use docking station with starter kit available at low cost
- Enhanced shelf life
- Easy to ship and store
- Available in 54 gallon mix
- High resistance to microbes
- Eliminate drum disposal cost - one drum and done
- UL GREENGUARD GOLD Certified

Storage: Store at temperatures between 35˚F–110˚F. WARNING: DO NOT FREEZE or apply at freezing conditions.

PACKAGING INFORMATION

Part Number	Description
GMMIXERASSY Consists of:	Assembly includes all mechanical equipment needed for the mixing process*
DOCKING STATION	(1) Station
GMDRUMASSY	(1) 55 gallon drum with vortex mixing blade
GMSPANNERA	Spanner tool
GMHOSEHOOKASSY	Brass water connector
GMSCRAPER	(2) Stainless steel wiping blades
GECKOM54W	Mixes (1) 54 gallon drum of adhesive and contains: (6) tubes liquid concentrate and (2) bags of PowerPack
GECKOPIGMTBLK	(4) 8 oz. jars of black pigment (optional - if black color is desired)
GDDRUMASSY	Drum only with vortex mixing blade inside (if a second drum is desired to go with GMMIXERASSY)

* Some items can be ordered separately as additional parts

Patent No. 11,299,656

TECHNICAL INFORMATION*

CHEMICAL TYPE:	Synthetic Latex
COLOR:	Black or White
ODOR:	Minimal
VOC CONTENT: EPA Method 24	Pass - Very Low
TVOC EMISSIONS: CDPH Standard Method v1.1	Pass
DENSITY:	8.3 +/- 0.1 lbs. - gallon
SOLIDS:	14.5 +/- 2.0%
VISCOSITY:	2,000 cPs +/- 1,000 cPs
APPLICATION TEMPERATURE:	35°F to 110°F
STORAGE TEMPERATURE:	35°F to 110°F
DRY TIME:	25 minutes at 76°F *Depending on temperature, humidity, and recommended coverage*
FREEZE THAW STABILITY:	DO NOT FREEZE
COVERAGE:	Approximately 400 sq. ft./gal, *Depending on application technique*
SHELF LIFE:	6 - 18 Months *Depending on dilution date* *Contact Manufacturer for details*
MASTER PACK CONTENTS: *Mixes 54 Gallons*	2 - Boxes Each box contains: 3 - Tubes of liquid concentrate (4.5 gal/total 1 - Bag of Power Pack (1/2 gal)

ADHESIVE
AS TO SURFACE BURNING CHARACTERISTICS
IN ACCORDANCE WITH THE STANDARD CAN/ULC-S102M ONLY +
52XF

USC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50

+ - Tested as applied in two 2 in. wide strips 8 in. on center covering 22.2 percent of the test sample area at a coverage rate of 400 sq. ft. per gallon.

Flash point of liquid adhesive, closed cup: No flash to boiling.

CNC – CLASSIFICATION
Applied to Inorganic Reinforced Cement Board+
FHC 25/50

+ - Tested as applied in two 50 mm wide strips 200 mm on center covering 22.2% of the test sample area at a coverage rate of 9.8 m^2/L.

Flash point of liquid adhesive, closed cup: No flash to boiling.

LIMITED PRODUCT WARRANTY*

* See last page

SPRAY SYSTEM SPECIFICATIONS

Below are two charts recommending the proper pressure and orifice sizes needed to spray the Gecko Glue Adhesives. An airless sprayer and Graco spray accessories were used to generate the first chart. The second chart is for a conventional spray system using Binks parts as an example. Other spray systems may be used, but will work best if meeting these specifications.

Disclaimer: If further explanation is needed, please contact Ductmate Industries for more information.

Ductmate Adhesive	4 in.	6 in.	8 in.	10 in.	12 in.	Pressure P.S.I.
Gecko Glue Gold	-	-	-	-	-	N/A
Gecko Glue Silver	217	317	417	517	617	2500
Gecko Glue Concentrate	215	315	415	515	615	1500
	217	317	417	517	617	
	219	319	419	519	619	
	221	321	421	521	621	

Adhesive	Spray Gun	Air Consumption	Orifice Size	Fluid Nozzle	Air Nozzle	Spray Pattern
Gecko Glue Concentrate	2101-2800-7	14.3 cfm @ 50 psi	0.046 in.	63BSS	63PB	14 in.
Gecko Glue Gold	2101-4800-0	19.5 cfm @ 70 psi	0.086 in.	67SS	67PB	12 in.
Gecko Glue Silver	2101-4308-2	21.2 cfm @ 50 psi	0.070 in.	66SS	66SD-3	10 in.

LIMITED PRODUCT WARRANTY

Ductmate warrants that Gecko Glue™ when properly installed and maintained, will be free from defects in material and workmanship, and will comply with all written specifications made by Ductmate at the time of sale. Ductmate's warranty shall run for a period of one year from the date of manufacture.

Warranty Product Limitation:
The warranty stated above is in lieu of all other warranties, express or implied, including but not limited to the implied warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Although Ductmate may have suggested the product, or provided written or oral advice to the Purchaser, it is the Purchaser's responsibility to test and determine the suitability of Gecko Glue™ for the intended use and purpose, and Purchaser and/or its customer assumes all risk and liability whatsoever regarding such suitability.

Limitation of Liability:
In the event of a breach of the above warranty, Ductmate's sole obligation, and Purchaser's sole and exclusive remedy, shall be, at Ductmate's option, repair or replacement of any defective products, or refund of an applicable portion of the purchase price. Ductmate shall have no liability for costs of removal or reinstallation of the product. The Purchaser agrees that no other remedy, including but not limited to loss of profits, loss sales, injury to person or property, or any other special, incidental or consequential damages, shall be available to the Purchaser for any claim arising out of this Agreement, regardless of whether such claim is made in contract or in tort, including strict liability in tort. In no event will Ductmate be obligated to pay damages to the Purchaser in any amount exceeding the purchase price that the Purchaser paid to Ductmate for the allegedly defective product. This product must be used in conjunction with the correct duct diameter.

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