SECTION 06 00 00

CONSTRUCTION ADHESIVES

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

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\*\* NOTE TO SPECIFIER \*\* Liquid Nails Brand; Adhesive, Sealants and Caulks.  
This section is based on the products of Liquid Nails Brand, which is located at:  
400 Bertha Lamme Dr.  
Cranberry Township, PA 16066  
Toll Free Tel: 800-634-0015  
Email: [request info (liquidnails@ppg.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Liquid+Nails+Brand&coid=49566&rep=&fax=&message=RE:%20Spec%20Question%20(06191lnb):%20%20&mf=)  
Web: [www.liquidnails.com](http://www.liquidnails.com)   
 [ [Click Here](http://www.arcat.com/arcatcos/cos49/arc49566.html) ] for additional information.  
For more than 40 years, LIQUID NAILS Brand has played a vital role in new home construction and residential remodeling. Established in 1948, Macco Adhesives produced adhesives for the plastic wall tile market. In 1964, Macco introduced its first construction adhesive, PA-12, and it was branded LIQUID NAILS Adhesives in 1968. Since that time, our product line has evolved into a broad range of adhesives, caulks, sealants and home repair products for construction professionals and do-it-yourselfers alike.  
LIQUID NAILS Brand is the most recognized brand in construction adhesives, offering a full line of products formulated to offer the best possible performance for a given project. Utilizing our trusted construction adhesives as an essential building tool gives our customers the confidence that every project will be Done Once. Done Right.® LIQUID NAILS Brand products can be found at major hardware stores, building centers, lumber yards, home centers, and mass merchants throughout the United States and in select other countries.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Construction adhesives.
    2. Panel adhesives.
    3. Specialty adhesives.
    4. Adhesive application schedule.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 07 91 26 - Joint Fillers.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. American Plywood Association AFG-01 - Performance Specifications for Adhesives Used for Field-Gluing Plywood to Wood Framing.
    2. ASTM International (ASTM):
       1. ASTM C 557 - Standard Specification for Adhesives for Fastening Gypsum Wallboard to Wood Framing.
       2. ASTM D 1779 - Standard Specification for Adhesive for Acoustical Materials.
       3. ASTM D 3498 - Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems.
       4. ASTM E 72 - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction.
    3. Canadian Food Inspection Agency (CFIA):
    4. CAN/CGSB-71.25 - Adhesives, for Bonding Drywall to Wood Framing and Metal Studs.
    5. GreenSeal GS-36 Specifications - Standard for Adhesives For Commercial Use.
    6. USGBC - Leadership in Energy and Environmental Design (LEED):
    7. South Coast Air Quality Management District (SCAQMD) Rule #1168 - Adhesive and Sealant Applications.
    8. California Environmental Protection Agency Air Resource Board (CARB):
    9. United States Food and Drug Administration (FDA):
    10. GREENGUARD and GREENGUARD Gold (UL Environment)
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
        3. Installation methods.
     3. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
  2. QUALITY ASSURANCE
     1. Manufacturer Qualifications: Minimum 5 year experience manufacturing similar products.
     2. Installer Qualifications: Minimum 2 year experience installing similar products.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Finish areas designated by Architect.
       2. Do not proceed with remaining work until workmanship is approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. PRE-INSTALLATION MEETINGS
     1. Convene minimum two weeks prior to starting work of this section.
  2. DELIVERY, STORAGE, AND HANDLING
     1. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
     2. Handling: Handle materials to avoid damage.
  3. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
  4. SEQUENCING
     1. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Liquid Nails Brand, which is located at: 400 Bertha Lamme Dr.; Cranberry Township, PA 16066; Toll Free Tel: 800-634-0015; Email: [request info (liquidnails@ppg.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Liquid+Nails+Brand&coid=49566&rep=&fax=&message=RE:%20Spec%20Question%20(06191lnb):%20%20&mf=); Web: [www.liquidnails.com](http://www.liquidnails.com)
      2. Web: http://www.liquidnails.com.

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete sealant type and sealant not required.

* 1. CONSTRUCTION ADHESIVES
     1. Heavy Duty Adhesive (Latex Based):

\*\* NOTE TO SPECIFIER \*\* Extreme Heavy Duty Construction Adhesive is an interior/exterior grade, low-solvent, high-strength construction adhesive designed to provide outstanding adhesion and durability in bonded assemblies. The extreme formula touts the ability to perform in extreme conditions, with application in temperatures from 22 degrees F to 120 degrees F. This enables professional contractors and avid DIY-ers to work in the extreme heat or cold and get their job done regardless of the weather. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-907 Extreme Heavy Duty as manufactured by Liquid Nails Brand.
         1. Product Type: Waterborne Latex.
         2. Class: ASTM C 557. Passes APA AFG-01.
         3. VOC (actual): 1 %. Maximum 18 g/L.
         4. Solids by Weight: 59 % minimum.
         5. Flash Point: > 205 degrees F (96 degrees C).
         6. Color: White.
         7. Paintability: Paintable with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This premium, high strength, fast-bonding adhesive offers a quick initial grab for interior and exterior projects with no bracing required and a minimal need for mechanical fasteners. This formula offers flexibility in low temperatures, creating a bond that resists breaking in cold temperatures. It's perfect for installing crown molding and other jobs that require a fast hold and an elegant look. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-990 Ultra Quik Grip as manufactured by Liquid Nails Brand.
         1. Product Type: Acrylic polymer latex.
         2. VOC (actual): Maximum 27 g/L.
         3. Solids by Weight: 58 % minimum.
         4. Flash Point: > 205 degrees F (96 degrees C).
         5. Color: White.
         6. Paintability: Paint with oil or latex.
    1. Heavy Duty Adhesive (Low VOC):

\*\* NOTE TO SPECIFIER \*\* This construction adhesive is specially formulated to provide professionals and do-it-yourselfers with excellent exterior/interior adhesion. It's also considered a "green glue" because it is low-VOC. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-903/LNP-903 Heavy Duty Construction Adhesive (low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Latex.
         2. Class: ASTM C 557.
         3. VOC (actual): Maximum 43 g/L.
         4. Solids by Weight: 72%.
         5. Color: Tan.
         6. Paintability: Paint with oil or latex.
    1. Adhesive (Low VOC):

\*\* NOTE TO SPECIFIER \*\* This polyurethane construction adhesive (a low-VOC "green glue") offers excellent weather resistance and low-temperature flexibility for a strong bond both indoors and outdoors and on a wide range of materials and surfaces. Delete if not required.

* + - 1. Product: LN-950 Polyurethane Construction Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Polyurethane (moisture cure).
         2. Class: ASTM D 3498, C 557.
         3. VOC (actual): 27 g/L.
         4. Solids by Weight: 93 % minimum.
         5. Hardness: 60 Shore A.
         6. Flash Point: 135 degrees F (57 degrees C).
         7. Color: Tan.
         8. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This premium, low-VOC construction adhesive is a "green glue" formulated for use on lumber, paneling and most common building materials. Using this construction adhesive improves the strength of assemblies compared to using fasteners alone. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-740 Wood Projects Construction Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Waterborne Latex.
         2. Class: Passes APA AFG-01, ASTM D-3498 and ASTM C-557.
         3. VOC (actual): Maximum 20 g/L.
         4. Solids by Weight: 59 % minimum.
         5. Flash Point: > 205 degrees F (96 degrees C).
         6. Color: White.
         7. Paintability: Paintable with oil or latex

\*\* NOTE TO SPECIFIER \*\* This high-strength, low-odor, latex construction adhesive features excellent flexibility, water resistance and long-term holding power when set. It's a versatile and convenient indoor construction adhesive that bridges gaps up to 3/8" and cleans up with water when wet. It's also considered a "green glue" because it is non-solvent and low-VOC. Delete if not required.

* + - 1. Product: LN-704/LNP-704 Interior Projects Adhesive (low-VOC) as manufactured by Liquid Nails Brand.
         1. Product Type: Latex emulsion.
         2. VOC (actual): Maximum 14 g/L.
         3. Solids by Weight: 62 % minimum.
         4. Flash Point: > 200 degrees F (93 degrees C).
         5. Color: Off-white.
         6. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This high-strength, low-odor, latex wall adhesive for indoor use features excellent long-term holding power and water resistance when set, yet it cleans up with water when wet. The flexible bond it provides bridges gaps up to 3/8". It's also considered a "green glue" because it's VOC-compliant. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-604 Projects & Foamboard Adhesive as manufactured by Liquid Nails Brand.
         1. Product Type: Latex emulsion.
         2. VOC (actual): Maximum 32 g/L.
         3. Solids by Weight: 62 % minimum.
         4. Flash Point: > 200 degrees F (93 degrees C).
         5. Color: Off-white.
         6. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This all surface construction adhesive, LN-2000, is formulated with a proprietary hybrid-polymer blend for best-in-class adhesion. It bonds everything to everything (except polyethylene and polypropylene) and it bonds in any weather condition. Hot, cold, wet or dry, FUZE\*IT All Surface offers a durable, flexible bond that is two times stronger than fasteners alone. Certified by UL Environment to meet the GREENGUARD GOLD Standard as a low emitting material. Delete if not required.

* + - 1. Product: Fuze\*It LN-2000 Construction Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Hybrid-polymer blend.
         2. Class: Passes ASTM C 557.
         3. VOC : Less than 3 percent by weight. (less than 50 g/L).
         4. Application Temperature: 0 degrees F to 140 degrees F (-17 degrees C to 60 degrees C).
         5. Service Temperature: -40 degrees F to 300 degrees F (-40 degrees C to 149 degrees C).
         6. Sag (ASTM D 2202): Less than 0.10 inch.
         7. Shear Strength: 24 hours - 400psi (full strength).
         8. Freeze Thaw Stability: No effect after 5 cycles.
         9. Flammability: Non-flammable.
         10. Color: Gray.
    1. Landscape Adhesive:

\*\* NOTE TO SPECIFIER \*\* Great as a low garden wall adhesive, this tough, fast-bonding adhesive can fuse stone, brick and timber into one super-strong structure that resists shifting and loosening due to seasonal changes. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-905 Landscape Block, Stone & Timber Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Waterborne Latex.
         2. VOC (actual): Maximum 20 g/L.
         3. Solids by Weight: 60 % minimum.
         4. Flash Point: > 205 degrees F (96 degrees C).
         5. Color: White.
         6. Paintability: Paintable with oil or latex
    1. Sub Floor Adhesive:

\*\* NOTE TO SPECIFIER \*\* This low temperature and high temperature adhesive offers superior quality compared to typical exterior/interior heavy duty construction adhesive, gunning in temperatures as low as 22 degrees and as high as 120 degrees. It is appropriate for subfloors and most common building materials, even wet or frozen lumber. It's also appropriate for foamboard because it is a latex-based construction adhesive and contains no solvents that could attack foam. The exceptional, low-VOC construction adhesive bridges gaps up to 3/8" and provides an open time of 20 minutes. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-902/LNP-902 Subfloor & Deck Construction Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Waterborne Latex.
         2. Class: Passes APA AFG-01, ASTM D-3498 and ASTM C 557.
         3. VOC (actual): Maximum 18 g/L.
         4. Solids by Weight: 59 % minimum.
         5. Flash Point: > 205 degrees F (96 degrees C).
         6. Color: White.
         7. Paintability: Paintable with oil or latex.
  1. PANEL ADHESIVES
     1. FRP (Low VOC) Adhesive:

\*\* NOTE TO SPECIFIER \*\* This strong-bonding, latex-based wall adhesive is specifically formulated for bonding Fiberglass Reinforced Panels (FRP). This product also bonds non-reinforced plastic (NRP) panels. It's also low-odor and VOC-compliant, making it a "green glue." Delete if not required.

* + - 1. Product: FRP-310 Fiberglass Reinforced Plastic Panel Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Acrylic emulsion.
         2. Class: ASTM C 557.
         3. VOC (actual): Maximum 28 g/L.
         4. Flash Point: > 205 degrees F (96 degrees C).
         5. Color: Off-white.
         6. Paintability: Paintable with oil or latex.
    1. Panel Adhesive:

\*\* NOTE TO SPECIFIER \*\* This fast-bonding adhesive is like an extra set of hands providing a sure hold, precision placement and less nailing. Excellent as a wall adhesive, it offers 10 minutes of working time and an impact-resistant bond. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-609 Panel & Foam Adhesive as manufactured by Liquid Nails Brand.
         1. Product Type: Latex.
         2. VOC (actual): 1 %. Maximum 43 g/L.
         3. Solids by Weight: 72 % minimum.
         4. Flash Point: > 200 degrees F (93 degrees C).
         5. Color: Tan.
         6. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This latex-based wall adhesive is specially formulated for interior drywall construction and correcting minor framing irregularities. It acts fast, bonds strong and buffers sound. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: DWP-24 Drywall Adhesive as manufactured by Liquid Nails Brand.
         1. Product Type: Latex emulsion.
         2. VOC (actual): Maximum 32 g/L.
         3. Solids by Weight: 62 % minimum.
         4. Flash Point: > 200 degrees F (93 degrees C).
         5. Color: Off-white.

\*\* NOTE TO SPECIFIER \*\* This construction adhesive provides exceptional water resistant adhesion under extreme conditions. Not only will it not harm tub surrounds or shower walls; the white color won't show through. LIQUID NAILS Tub Surround & Shower Wall Adhesive also qualifies as a "green glue". This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-715 Tub Surround & Shower Wall Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Vinyl acrylic (Water borne).
         2. Class: N/A.
         3. VOC (actual): 28 g/L.
         4. Solids by Weight: 75 % minimum.
         5. Hardness: 60 Shore A.
         6. Flash Point: > 200 degree F (93 degree C).
         7. Color: White.
         8. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* This fast-bonding adhesive is like an extra set of hands, providing a sure hold, precision placement and less nailing. Ten minutes of working time and an impact-resistant bond help make it an excellent choice for installing crown molding and other paneling and trim. This product is certified by UL Environmental to meet the GREENGUARD Gold standard as a low emitting material. Delete if not required.

* + - 1. Product: LN-710 Paneling & Molding Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Latex.
         2. VOC (actual): Maximum 43 g/L.
         3. Solids by Weight: 72 % minimum.
         4. Flash Point: 1 degree F (-17 degree C).
         5. Color: Tan.
         6. Paintability: Paintable with oil or latex
  1. SPECIALTY ADHESIVES
     1. Mirror Mastic:

\*\* NOTE TO SPECIFIER \*\* This mirror adhesive will not desilverize mirrors. Fifteen minutes of working time allows for precision placement on most surfaces, and the flexible bond will not become brittle with age. It can also be considered a "green glue" because it is a low-VOC mirror adhesive. As with any mirror adhesive, this product must be used with a permanent mechanical support system, such as a shelf angle or "J" channel. Delete if not required.

* + - 1. Product: LN-730 Mirror Adhesive (low-VOC) as manufactured by Liquid Nails Brand.
         1. Product Type: Silicone pre-polymer (moisture curing).
         2. Class: N/A.
         3. VOC (actual): Maximum 46 g/L.
         4. Solids by Weight: 95 % minimum.
         5. Hardness: 27 Shore A Hardness.
         6. Flash Point: N/A.
         7. Color: White.
         8. Paintability: Latex or oil-based paint.
    1. Cove Base Mastic:

\*\* NOTE TO SPECIFIER \*\* This water-resistant, easy troweling, latex-based construction adhesive is specifically designed for vinyl or rubber cove base and stair treads. It's a fast-bonding adhesive, offering a quick initial grab for speedy installation. It's also VOC-compliant. Delete if not required.

* + - 1. Product: CB-10/CBP-10 Cove Base & Stair Tread Adhesive (low-VOC) as manufactured by Liquid Nails Brand.
         1. Product Type: Synthetic rubber latex.
         2. VOC (actual): Maximum 10 g/L.
         3. Solids by Weight: 62 % minimum.
         4. Flash Point: > 205 degrees F (96 degrees C).
         5. Color: Tan.
         6. Paintability: Paint with oil or latex.
    1. Solid Surface Adhesive:

\*\* NOTE TO SPECIFIER \*\* This tough, high-quality, polyurethane construction adhesive offers excellent weather resistance and low-temperature flexibility. It's a strong-bonding adhesive for indoors and out, and it's specially formulated for marble, granite and other solid surface materials. Delete if not required.

* + - 1. Product: LN-933 Marble & Granite and Solid Surface Materials Adhesive Low-VOC as manufactured by Liquid Nails Brand.
         1. Product Type: Polyurethane.
         2. Class: ASTM 557.
         3. VOC (actual): 27 g/L.
         4. Solids by Weight: 93 % minimum.
         5. Hardness: > 60 Shore A.
         6. Flash Point: 135 degree F (57 degree C).
         7. Color: Tan.
         8. Paintability: Paint with oil or latex.

\*\* NOTE TO SPECIFIER \*\* Delete applications not required.

* 1. ADHESIVE APPLICATION SCHEDULE
     1. Masonry Veneer:
        1. Adhesive: LN-950 Polyurethane Adhesive, LN-901 Heavy Duty Adhesive, LN-990 Ultra Quik Grip Adhesive, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903 Latex Heavy Duty Adhesive (interior only), LN-2000 Fuze\*It.
    1. Rough Carpentry:
       1. Adhesive: LN-901 Heavy Duty Adhesive, LN-602 Subfloor Adhesive, LN-907 Extreme Heavy Duty Adhesive, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903 Heavy Duty Adhesive, LN-902 Subfloor Adhesive, LN-2000 Fuze\*It.
    1. Misc. Rough Carpentry:
       1. Adhesive: LN-901, LN-907, LN-602 Subfloor Adhesive, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-902, LN-2000 Fuze\*It.
    1. Sheathing Roof and Wall:
       1. Adhesive: LN-901, LN-602 Subfloor Adhesive, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-907, LN-902, LN-2000 Fuze\*It.
    1. Subflooring and Underlayment:
       1. Adhesive: LN-602.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-902, LN-2000 Fuze\*It.
    1. Wood Panel Sheathing:
       1. Adhesive: LN-901, LN-602, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-907, LN-902, LN-2000 Fuze\*It.
    1. Gypsum Sheathing:
       1. Adhesive: Drywall Adhesive DWP-24, Interior Projects Adhesive LN-704, LN-2000 Fuze\*It.
    2. Sheathing, Moisture Resistant:
       1. Adhesive: Drywall Adhesive DWP-24, Interior Projects Adhesive LN-704, LN-2000 Fuze\*It.
    3. Cementitious Sheathing:
       1. Adhesive: Drywall Adhesive DWP-24, Interior Projects Adhesive LN-704, LN-2000 Fuze\*It.
    4. Exterior Finish Carpentry:
       1. Sealant: Top Gun 200, Top Gun 300, Top Gun 400, Top Gun 250, Top Gun 350, LN-950, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-990, LN-901, LN-2000 Fuze\*It.
    1. Interior Finish Carpentry:
       1. Adhesive: LN-901, LN-903, LN-950, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-990, LN-2000 Fuze\*It.
    1. Wood Stairs and Railings:
       1. Adhesive: LN-602, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-902, LN-2000 Fuze\*It.
    1. Ornamental Woodwork:
       1. Adhesive: LN-901, LN-950, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-990, LN-2000 Fuze\*It.
    1. Wood Trim:
       1. Adhesive: LN-901, LN-950, LN-2000 Fuze\*It.

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-903, LN-990, LN-2000 Fuze\*It.
    1. Gypsum Board:
       1. Adhesive: Drywall Adhesive DWP-24, Interior Projects Adhesive LN-704, LN-2000 Fuze\*It.
    2. Acoustical Panel Ceilings:
       1. Adhesive: LN-903, LN-2000 Fuze\*It.
    3. Acoustical Tile Ceilings:
       1. Adhesive LN-903, LN-2000 Fuze\*It.
    4. Plastic Shower & Dressing Compartments:

\*\* NOTE TO SPECIFIER \*\* Liquid Nails For Green Building (LEED V.4). Delete "Green" adhesive not required.

* + - 1. Adhesive: LN-715 Tub and Shower Surround Adhesive, LN-903, LN-990, LN-2000 Fuze\*It.
    1. Cultured Marble Countertops:
       1. Adhesive: LN-950, LN-933, LN-2000 Fuze\*It.
    2. Solid Surface Countertops:
       1. Adhesive: LN-950, LN-933, LN-2000 Fuze\*It.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
   2. PREPARATION
      1. Clean surfaces thoroughly prior to installation.
      2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
   3. INSTALLATION
      1. Install in accordance with manufacturer's instructions and approved submittals.
   4. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION