

# Complete™ Glue Assist Adhesive

## 1. PRODUCT NAME

Metropolitan Systems Complete (MSC) Glue Assist Adhesive  
(3124224)

## 2. MANUFACTURER

Metropolitan Hardwood Floors  
811 Cliveden Avenue, Delta, BC V3M 5R6, Canada  
8106 South 216th Street, Kent, WA 98032, USA  
1-800-992-3163 (Canada)  
1-800-851-7056 (USA)  
www.metrofloors.com

## 3. DESCRIPTION

MSC Glue Assist is a fast-curing 100% solids modified silane adhesive designed for supplemental bonding of wide plank flooring. It provides excellent green grab and robust elastomeric adhesion to control floor squeaks and excessive flooring movement. MSC Glue Assist has no width or length limitations and is easy to clean off prefinished flooring. Additional applications include wood floor repairs, wood stair nosings, baseboards and installation of wood tackstrips.

### Key Features and Benefits

- Robust adhesion reduces floor squeaks and excessive flooring movement
- Excellent green grab holds flooring in place
- Easy to clean off prefinished wood flooring
- 100% solids & fast curing
- No width or length limitations

### Packaging

20 oz (591ml) sausage Product #3124224

### Coverage

Coverage is user-dependent. Typical coverage for a 1/4" (6.4 mm) bead is approximately 50-60 lineal ft (15-18 m) per sausage.

### Suitable Substrates

When properly prepared, suitable substrates include:

- Concrete slabs
- Cured leveling compounds
- OSB (underlayment grade)
- Radiant heated subfloors
- Plywood (underlayment grade)
- Ceramic tile
- Terrazzo
- Cement backer board

### Substrate Preparation

The subfloor must be checked according to NWFA guidelines. Ensure that the subfloor is structurally sound, cured, smooth, dry, clean and free from dust, dirt, grease, paint, old adhesive, curing agents, sealers, cutback or any other contaminants that could interfere with a good adhesive bond.

**Concrete Slab:** Must be cured at least 28 days. Do not use in areas subject to hydrostatic pressure or with pre-existing moisture conditions. pH should be between 7-10. The subfloor must be dry to the touch and not visibly damp. Slab must be prepared to receive flooring in compliance with ASTM F710 and NWFA guidelines. Slabs over a year old with high moisture readings indicate a moisture problem related to hydrostatic pressure, broken water pipes, or improper maintenance. These issues are not covered by our warranty.

**Terrazzo:** Surface should be sanded so that all polishes and glaze compounds are stripped. After sanding, thoroughly vacuum and clean the substrate with mineral spirits and allow to dry before installing the wood flooring.

**APA approved Plywood and OSB Type Subfloors:** Panels must be securely fastened. Eliminate movement with screws. Sand all high joints. Fill and patch low areas. Refer to flooring manufacturer for guidelines of moisture content difference between properly acclimated wood flooring and subfloor materials.

**Radiant Heated Subfloors:** Check flooring manufacture's specifications to determine if the flooring is approved over radiant heated subfloors. MSC Glue Assist is approved for use on hydronic system radiant heated subfloors, provided the system is fully embedded in concrete. Lightweight toppings must be primed first. Turn off the heat 48 hours prior to the installation and leave the heat off until 48 hours after the installation is completed.

### Storage

Store at a moderate room temperature. Protect adhesive from freezing. Refer to the Technical Data section of this PDS, for more information.

### Shelf Life

Maximum of 1 year from date of manufacture in unopened container.

### Limitations

- Interior use only.
- Do not use on wet, dusty or contaminated substrates.
- Subfloor must be dry.
- Do not use in areas subject to hydrostatic pressure.
- Room temperature should be between 65°F (18°C) and 90°F (35°C) during application.
- When installing unfinished wood flooring, wait a minimum of 48 hours before sanding.
- Glue assist installation is for bonding only and does not provide moisture control.
- Glue assist does not change the required nailing schedule.

### Cautions

Read complete cautionary information printed on product container prior to use.

This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the product(s) under normal environmental and working conditions. Because each project is different, Metropolitan Hardwood Floors cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

# Complete™ Glue Assist Adhesive

## 4. TECHNICAL DATA

### Physical Properties

Complete™ Glue Assist Adhesive	
Description	
Tensile Strength	>100 psi
Elongation	125%
Application Room Temperature	Between 65°F (18°C) and 90°F (35°C)
Flash Point	>200°F (>93.3°C)
Color	White
Cure Time	Light foot traffic after 8-10 hours, heavy foot traffic after 24 hours.
Shelf Life	One year from date of manufacture; stored at 50-80°F (10-26°C).

## 5. INSTALLATION INSTRUCTIONS

### Application

Always read and follow the flooring manufacturer's installation instructions and NWFA installation guidelines for glue-assisted nail down.

1. Cut the sausage foil below the end-clip and place the sausage into the dispense gun.
2. Apply a ¼" (6.3 mm) diameter bead in a serpentine pattern with the full curve (peak-to-peak) distance approximately twice the width of the board. The adhesive should cover the entire length and full width of the board. Adhesive may be applied to the subfloor or the back of the flooring.

The information in this product data sheet is valid for 90 days from the date listed above. Please visit [www.metrofloors.com](http://www.metrofloors.com) to view or download the most current information.

1. Apply only as much adhesive as can be installed within 15-30 minutes.
1. Press the floor into place and apply a downward force to the board surface when nailing to ensure flooring does not lift away from subfloor.

### Clean-up

Remove the adhesive from the wood floor surface as soon as possible before the adhesive dries. Use a soft cloth and Mineral Spirits carefully to not harm the finish. CAUTION: Mineral Spirits are flammable. Read and follow all precautions on container label.

## 6. AVAILABILITY

Metropolitan Hardwood Floors installation products (Metropolitan Systems Complete) are available nationwide. To locate Metro Systems in your area, please visit us at; [www.metrofloors.com](http://www.metrofloors.com)

## 7. LIMITED WARRANTY

This product is sold subject to a Limited Warranty and related terms of use provided by Metropolitan Hardwood Floors (US). To the extent permitted by law, Metropolitan disclaims any implied warranties of merchantability and fitness for a particular purpose and all incidental and consequential damages arising out of the sale, purchase or use of this product. For Limited Warranty details or to view the SDS with information regarding health, safety and environmental requirements, visit [metrofloors.com](http://metrofloors.com)

## 8. MAINTENANCE

Not applicable

## 9. TECHNICAL SERVICES

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [metrofloors.com](http://metrofloors.com)

## 10. FILING SYSTEM

Division 9



To learn more, visit: [metrofloors.com](http://metrofloors.com)

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