



METROPOLITAN SYSTEMS

# Complete™ Premium Underlay

- For use with engineered and laminate flooring\*
- Excellent acoustical properties
- Double glue down approved

METROPOLITAN SYSTEMS Complete (MSC) Premium Underlay, is a multipurpose acoustical underlay suitable for \*non-pad attached floating laminate, and engineered wood flooring, as well as double glue down installations of engineered wood flooring. MSC Premium underlay requires no additional moisture barrier when used with our MSC urethane and the appropriate moisture control trowel. Moisture tests must be performed on all concrete subfloors. Moisture testing must be performed in accordance to ASTM F-1869 – Calcium Chloride Test, or ASTM F-2170 – in situ RH Probe Test. Always refer to the wood flooring manufacturer for subfloor moisture requirements and testing procedures before proceeding with the installation. 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.

APPLICATION:

For use under laminate & engineered wood flooring

PHYSICAL PROPERTIES:

- 6lbs / 1000sq ft2 / 24hours
- R-Value 0.528
- 64.58 PSI

PRODUCT FEATURES:

- Made from recycled material
- GREENGUARD Gold

APPROVED SUBSTRATES:

- MSC Premium Underlay be used over any subfloor approved by the finished floor covering manufacturer
- Suitable with Radiant Heat Systems

RECOMMENDED USES:

- Residential and commercial applications over concrete or NWFA approved wood substrates.
- Floating non-pad attached laminate & engineered wood floors
- Double glue down applications for engineered and laminate flooring without pad attached.
- Interior use only in dry, heated areas.

SKU	Wood	On, Above or Below Concrete	Elevated Concrete	Gypsum	Floating Engineered Wood	Laminate without Pad Attached
3124228	✓	✓	✓	✓	✓	✓

SUBFLOOR AND PREPARATION:

- All subfloors must be flat, clean, smooth and dry
- Sand any rough surfaces and/or uneven joists
- Fill any cracks on concrete or panel joints wider than 1/8” using a recommended patch/leveling product

FLOATING FLOOR INSTALLATION:

- Be sure the subfloor is clean, smooth and free of dust and debris
- Unroll the MSC Premium Underlayment and flip it over so the film side is up (felt side down)
- Make sure that underlayment seams run perpendicular (at right angle) to the long dimension of the planks.
- Underlayment must be positioned with a minimum 4” separation between seams of underlayment and seams of finished flooring products
- Trim the perimeter edges of the MSC Premium Underlayment ¼” from the wall
- Butt seams together and seal using the factory attached lip and tape system.
- For seams that do not have the lip and tape feature, use a good quality single faced tape to seal the seams
- Install the floor covering product according to the manufacturer’s instructions

DOUBLE-GLUED INSTALLATION:

- Double Glue Down installations are approved with engineered flooring
- Be sure the subfloor is clean and free of dust and debris
- Unroll the first drop of roll of MSC Premium Underlayment and flip it over so the film side is up (felt side down)
- Make sure that underlayment seams run perpendicular (at right angle) to the long dimension of the planks
- Remove the lip portion of the lip and tape system with a utility knife and discard
- Remove the tape strip cover portion of the lip and tape system and discard
- Trim to fit the roll of MSC Premium Underlayment into the target areas.
- Move the trimmed-to-fit underlayment to the side to apply the adhesive
- Apply appropriate adhesive, such as our MSC Urethane, using the manufacturer recommended trowel. If using the adhesive as a moisture barrier, the appropriate trowel must be used.
- Once the adhesive has flashed (dried to a tacky touch) place the trimmed-to-fit underlayment into the adhesive
- Butt seams together and apply 2” wide clear packaging tape centered over the seam
- Roll the adhered MSC Premium Underlayment with a 100 lb flooring roller
- Mark starting lines on Underlayment for placement of finished flooring product
- Make sure the staggered flooring end joints fall at least 2" away from the underlayment seams.
- Follow flooring manufacturer recommendations for installing transitions in large span applications and doorways
- Roll the finished floor with a 100 lb flooring roller
- Be sure not to slide flooring into position which could potentially displace adhesive

TRIM AND MOLDING:

- All finish trim and transition moldings must be installed without binding or restricting the free movement of the above finished flooring products

DIMENSIONS/PACKAGING

1.4mm thick x 3ft wide x 33.3 ft long  
100SQ FT2 - 1.4mm Thickness

SOUND TEST				
IIC	STC	DELTA IIC	HIIC	FLOOR
72 <sup>1</sup>	64 <sup>1</sup>	28 <sup>2</sup>	88 <sup>1</sup>	Engineered Wood 14mm. Double Glue Down <sup>1</sup>
<sup>1</sup> Test results came from a concrete slab with suspended ceiling, results may differ based on the design of your building. <sup>2</sup> Delta testing is over a 6” concrete slab per ASTM E2179.				





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SINCE 1992

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

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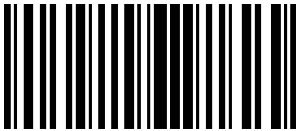
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MADE IN THE USA