



WOOD AND COMPOSITES

Adhesive Selection Guide for Engineered Wood Flooring - North America

Address your diverse flooring needs with H.B. Fuller's proven line of adhesives to ensure security in production and quality in finished goods.

Our innovative solutions, including Rapidex® and Swift®tak adhesives, allow you to increase your production while reducing labor costs and capital expenditures. Plus, you're backed by the support of H.B. Fuller's global and local team. Our group of application engineers, regional sales and technical experts know your business inside out, and will bring in-depth knowledge to help solve the specific challenges you face.

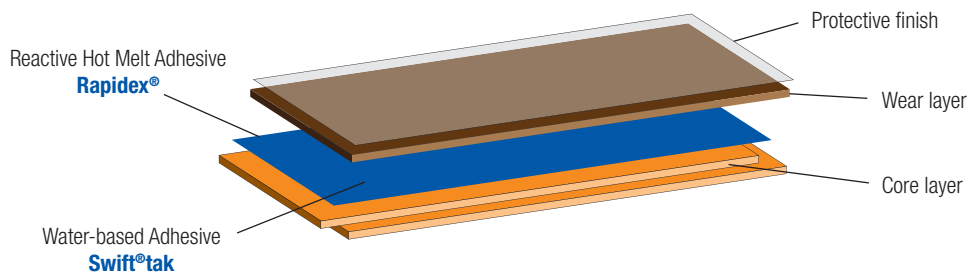


RAPIDEX® REACTIVE HOT MELT ADHESIVE

- Versatile product for all seasons and a variety of substrates
- High green strength and stability
- Very broad processing window
- Variety of application methods (roll coat, spray, extrude, slot die)

SWIFT®TAK WATER-BASED ADHESIVE

- Products for roll coating, hot, cold or RF press applications
- Excellent water & heat resistance
- Good bond performance over a broad temperature range



Reactive Hot Melt Adhesives for Engineered Wood Floor

Product	Description	Color	Open Time	Viscosity	Application Temperature
Rapidex® 4001-149	General purpose grade Low stringing Lower odor Passes ANSI/HPVA EF 2012	Black	0–40 sec	9,500 cP @325 °F	270–300 °F
Rapidex® 1008-149	Highest green strength Best product for high ambient temperatures Best product for short open time production lines Passes ANSI/HPVA EF 2012	Black	0–10 sec	26,000 cP @275 °F	270–300 °F
Rapidex® 1011-149	Most forgiving Best for low ambient temperatures Best for long open times Passes ANSI/HPVA EF 2012	Black	10–40 sec	26,000 cP @275 °F	270–300 °F

*Also available in a clear grade

Water-Based Adhesives for Engineered Wood Floor

Product	Description	Color	Viscosity	Solids
Swift®tak 9965	Passes ANSI/HPVA EF 2012 Excellent water & heat resistance Good bond performance over a broad temperature range Used in hot press applications Needs hardener	Off White	6,850 cP @85 °F	50%
Swift®tak PA368	Roll Coat Hot, cold or RF press applications Fast Setting (30 min press time) Closed assembly time up to 15 min	Off White	5,250 cP @79 °F	43%
Swift®hardener 49190	Added to Swift®tak 9965 (10-15%) Used as additive for water-based adhesive to increase performance	Brown	300 cP @79 °F	100%



H.B. FULLER HAS WOOD FILLER PRODUCTS FOR THE ENGINEERED AND SOLID WOOD FLOORS

Knot Fill Adhesives for Flooring

Product	Description	Viscosity	Mix ratio (A:B)
UR2159	Two-components APA approved polyurethane Sandable in 10 min Will accept pigmented stains Passes bending, nailing, flexing, and shaping tests Available in beige and black	A: 4,500 cP @77 °F B: 200 cP @77 °F	3:1 by volume
MP5405	Two-part clear unfilled epoxy It cures to a tough semi-rigid material Has good resistance to water, salt spray, inorganic acids and bases, and most organic solvents Handling strength is normally achieved at room temperature within 3-5 minutes with full cure in 24 hours	A: 12,000 cPs @77 °F B: 13,000 cPs @77 °F	1:1 by volume

ABOUT H.B. FULLER

Since 1887, H.B. Fuller has been a leading global adhesives provider focusing on perfecting adhesives, sealants and other specialty chemical products to improve products and lives. H.B. Fuller's commitment to innovation brings together people, products and processes that answer and solve some of the world's biggest challenges. Our reliable, responsive service creates lasting, rewarding connections with customers in electronics, disposable hygiene, health and beauty, transportation, aerospace, clean energy, packaging, construction, woodworking, general industries and other consumer businesses. And, our promise to our people connects them with opportunities to innovate and thrive.



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IMPORTANT: The information contained herein is believed to be correct to the best of our knowledge. However the recommendations and suggestions herein are made without guarantee or representation as to results. It is the purchaser's responsibility to test and determine the suitability of the product for the purchaser's intended use and purpose. Purchaser assumes all risk and liability whatsoever regarding such suitability. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.

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