

**Aacer SuperBond
is a glued down
maple system.**



Official Supplier



Aacer SuperBond

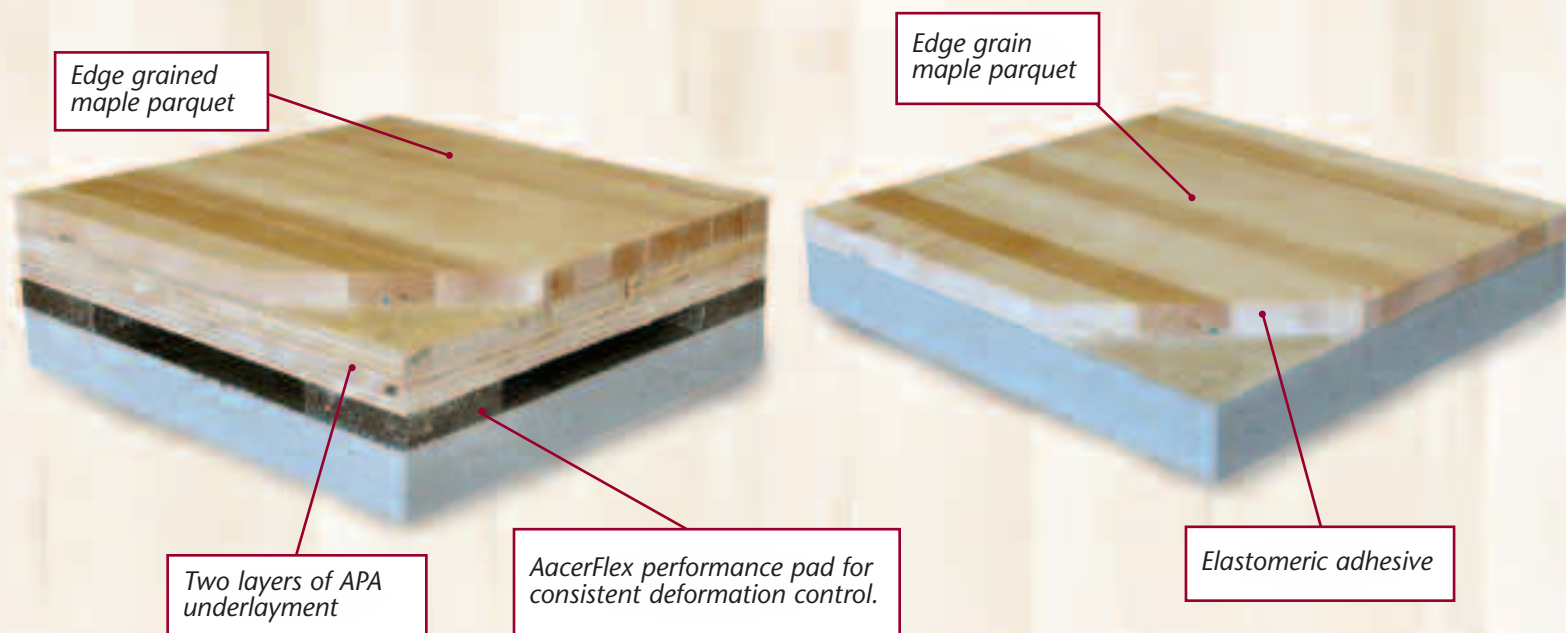
AacerSuperBond is a mastic set edge-grain maple parquet usually directly adhered to a concrete substrate. The low profile makes it suitable for retrofit and commercial projects. Not generally used for sports applications.

Aacer SuperBond Flex

Aacer SuperBond Flex is mastic set edge-grain maple parquet adhered to a floating sub-floor system. Used in sport flooring applications where system height is a factor.



We Put A New Spin On Athletic Flooring



Part I – GENERAL

1.01 – Description

- A. **AacerBond:** The information herein details a low profile parquet adhered directly to concrete.
- A1. **AacerBond Flex:** The information herein details a low profile parquet adhered to a floating sub-floor system.
- B. The general contractor shall provide a level slab steel troweled to a tolerance of plus or minus 1/8" in a 10'0" radius. The slab shall be subject to the approval of the flooring contractor.
- C. **AacerBond** – the concrete slab must be depressed the thickness of the parquet specified, either 5/16" or 7/16".
- C1. **AacerBond Flex** – the concrete slab must be depressed 1-3/8" with the 7/16" pad or 2-1/8" with the 3/4" pad plus the thickness of the parquet specified.

1.03 – Quality Assurance

- A. All system components must be supplied by Aacer Flooring, LLC .
- B. The flooring contractor must be approved by Aacer Flooring, LLC.

1.05 – Working Conditions

- A. The wood flooring shall not be installed until all masonry, plastering, tile, marble and terrazzo work is completed as well as all overhead mechanical trades. The building shall be fully enclosed and weather tight with permanent windows and doors installed. Permanent heating, ventilation and air conditioning shall be installed and working before, during and after installation.
- B. The concrete slab shall be determined fully cured by industry standards. It shall be free of all foreign materials and broom clean when turned over to the flooring contractor.

Part II – PRODUCTS

2.1 – Materials

- A. Flooring
 - 1. **AacerBond** shall be edge grain northern hard maple parquet 7/16" x 1" x 9.6" nominal.

Options: 5/16" and 11/16" thickness available

- 2. Grades: 2nd & Better, 3rd & Better, 3rd Grade.

B. Sub floor

- 1. **AacerBond** – Adhesive shall be VOC compliant elastomeric Amide-Ester-Acrylate adhesive, which contains no chlorinated solvents or isocyanides.
- 2. **AacerBond Flex** Sub floor
 - a. Vapor barrier shall be 6-mil polyethylene.
 - b. Aacer resilient pads shall be 7/16" thick.

Options: Pads may be 3/8" or 3/4". Foam blanket in either 1/4" or 1/2" may also be used.

- c. Plywood panels shall be 15/32" x 4' x 8' CDX (minimum 4 ply).
- d. Sub floor fasteners shall be 1" nails or staples.
- e. Perimeter base shall be 3" x 4" rubber ventilating base with premoulded outside corners.
- f. Adhesive shall be VOC compliant elastomeric Amide-Ester-Acrylate adhesive, which contains no chlorinated solvents or isocyanides.

Part III – EXECUTION

3.1 – Pre-Installation Inspection

- A. Floor installer shall verify slab dryness and tolerances, reporting any discrepancies to the General Contractor and Architect in writing. Room shall be broom clean and free of any foreign material.
- B. Floor installer shall document site and working conditions prior to and during installation. This documentation shall become part of any warranty and may affect fulfillment of any warranty.

3.2 – Installation-AacerBond

- A. Trowel adhesive onto slab at the rate recommended by manufacturer.
- B. Install AacerBond parquet in adhesive; lay in a straight-line pattern. Leave hairline cracks for expansion except in areas of low humidity. A void may be left at the walls not to exceed the width of the base.

3.2 – Installation-AacerBond Flex

- A. Cover concrete slab with poly lapping edges 6" and seal with adhesive or 2" duct tape.
- B. Aacer pads shall be attached to the underside of the first layer of plywood 12" o.c. at a rate of 32 pads per panel. **Foam Option:** Lay foam parallel to direction of

flooring and tape seams with 2" duct tape.

- C. Place the first layer of plywood in a brick pattern perpendicular to the direction of the finish flooring. Allow 1/4" space at sides and ends of panels and a 2" void at walls and vertical obstructions.
- D. Apply PL-type adhesive in a "Box X Pattern" between plywood layers.
- E. Place the second layer of plywood in a brick pattern on a 45-degree angle to the first layer. Attach top layer to bottom with 1" fasteners starting in the center of each panel and working outward so that panels are flat and tight. Allow 1/4" space at sides and ends of panels and a 2" void at walls and vertical obstructions.
- F. Trowel adhesive onto top panel at the rate recommended by manufacturer.
- G. Install AacerBond parquet in adhesive; lay in a straight-line pattern. Leave hairline cracks for expansion except in areas of low humidity. Allow a 2" void at walls and vertical obstructions.

3.3 – Floor Sanding

- A. Machine sand entire floor with coarse, medium and fine sandpaper to a smooth and uniform surface, free from edger marks, streaks or drum drops.
- B. Vacuum and tack entire floor to remove all sanding dust and lint.

3.4 – Finishing and Gamelines

- A. Inspect entire floor to ensure the surface is ready to finish. Floor should be free of all dust and debris.
- B. Apply two coats of seal per manufacturers label instructions. Buff and tack between coats.
- C. Game lines—apply lines and logos per drawings. Paint shall be compatible with finish.
- D. Apply finish coats per manufacturers label instructions.

3.5 – Base Installation

- A. AacerBond: Install maple base directly to floor with finishing nails 12" o.c. Miter all joints at 45 degrees. Fill nail holes and finish.
- B. AacerBond Flex: Install vent cove base to walls with cove base adhesive and/or mechanical fasteners. Use pre-molded outside corners and mitered inside corners.

3.6 – Clean Up

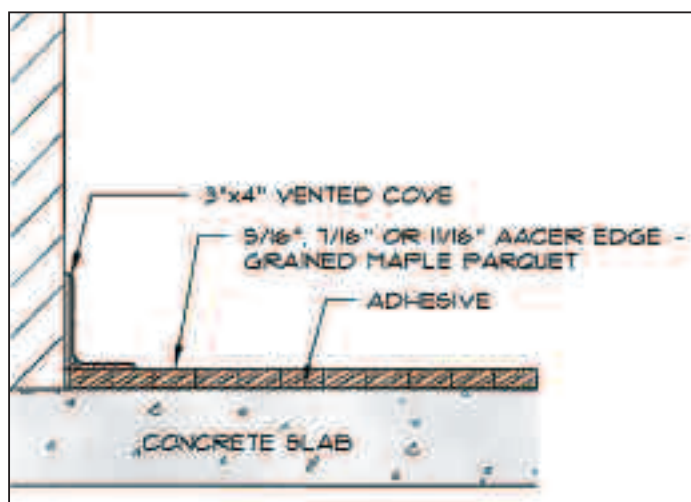
- A. Clean up all debris and remove from site.

3.7 – Maintenance

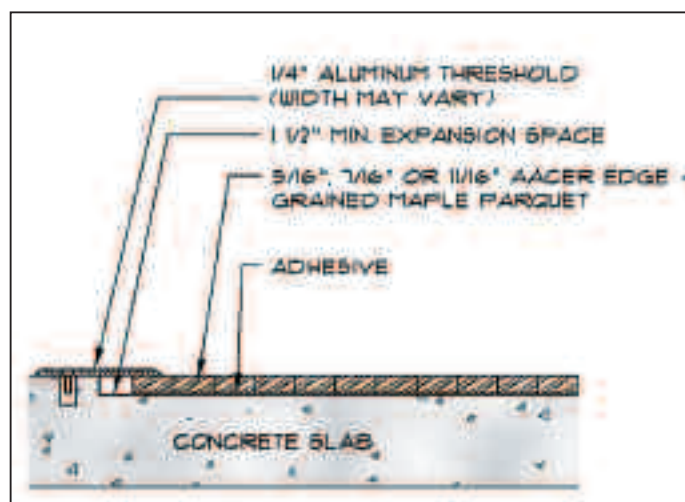
- A. Care and maintenance instructions of the MFMA must be followed; failure to do so may void warranty.

Aacer SuperBond

Wall Based Detail



Threshold Detail



For complete details see Aacer shop drawings at www.aacerflooring.com

Part I – General Specifications

These specifications provide strict guidelines that must be adhered to for proper installation and performance of the materials supplied by Acer Flooring, LLC.

1.1 – Description

A. Related Work

1. Concrete Substrate – Section 03300
 - a. The concrete contractor shall furnish and install the concrete substrate depressing the slab in relation to surrounding areas in order to accommodate the floor system. The slab shall be smooth troweled and finished to a tolerance of 1/8" in a 10' radius. High spots shall be ground and low spots shall be filled with an approved leveling compound by the concrete contractors to meet the full approval of the floor installer.
2. Waterproofing Membrane – Section 07100
 - a. Concrete subfloor at or below grade shall be adequately vapor-proofed and/or waterproofed beneath the slab and at the perimeter of below grade walls by the general contractor using a suitable type membrane.
3. Thresholds – Section 08700
 - a. Thresholds or transitional entryways shall be designed and installed to adequately accommodate the expansion and contraction of the wood floor system. Thresholds and transitionways shall be installed by the flooring contractor.
4. Game Standard Inserts – Section 11500

1.2 – References

- A. MFMA Maple Flooring Manufacturers Association

1.3 – Quality Assurance

- A. Manufacturer – Manufacturer of athletic flooring shall be Acer Flooring, LLC
- B. Flooring Contractor/Installer – The installation of the floor system described in these specifications shall be completed by a firm familiar with the requirements of the system specified and fully experienced in procedures required for installing athletic flooring manufactured by Acer Flooring, LLC.

1.4 – Submittals

- A. Submit Acer Flooring, LLC specification sheets and shop drawings as required.
- B. Samples – submit the required number of samples of the specified System as requested by the owner/architect.
- C. Maintenance Guidelines – upon completion of floor send the Acer Floor Maintenance Guide to the owner. This guide will explain the Proper HVAC and building maintenance requirements as well as floor cleaning and servicing guidelines to assure proper floor performance and longevity.

1.5 – Working Conditions

- A. The wood flooring and its components specified herein shall not be delivered or installed until all wet trades and overhead work is completed. This includes all masonry, painting, plaster, tile, marble and terrazzo, as well as all overhead mechanical trades. The building shall be fully enclosed and weather tight and all permanent windows and doorways shall be installed. Permanent heating and air conditioning shall be installed and working in accordance with building occupation requirements.
- B. The concrete substrate shall be determined fully cured by industry standards. It shall be free of all foreign materials and broom clean when turned over to the floor installer. Permanent HVAC units for the building shall have been operating a minimum of one week prior to floor installation start up.
- C. During and after installation, building HVAC and lighting systems shall maintain a temperature and humidity range compatible with the expected high and low moisture content range of the flooring. The floor installer, based on the building's HVAC control and geographical situation, shall determine this range.
- D. Flooring must be stored on site in a dry, well-ventilated area while acclimating to site conditions. Moisture content of wood shall be consistent with the ambient conditions of the building as it will be maintained when occupied.

1.6 – Warranty and Disclaimer

- A. Acer Flooring, LLC, Peshtigo, WI, hereby warrants the materials, it has supplied to be free from manufacturing defects for a period of one year. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
- B. This warranty is limited to the materials manufactured by and supplied by Acer Flooring, LLC. THIS WARRANTY EXCLUDES ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES and, in the event of breach, Acer Flooring, LLC's sole liability and your exclusive remedies will be limited to repair or replacement of material and components supplied by Acer Flooring, LLC and proven to be defective by the manufacturing process.
- C. During the warranty period, the floor shall not be recoated without the approval of the flooring contractor.
- D. The jobsite documentation forms by the flooring contractor shall become a part of the warranty and both the owner and flooring contractor shall retain record of said forms as a permanent reference for any abrogation.
- E. Flooring contractor warrants the installation of the floor systems to be free from defects in materials and workmanship for a period of one year.



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