

TECHNICAL DATA

Arenaflex FLEXBAT

Installation Instructions on 36mm batten

ITEMS NEEDED

- 23mm Arenaflex Stadium or 21mm Arenaflex Olympia Flooring
- Flexbattens
- 0.2mm Age Resistant Vapour Barrier
- Recommended Adhesive
- Nails/Staples/Screws min 50mm
- Matching Colour Filler
- Bona Line Paint
- Bona Sportive Finish
- Hygrometer
- Skitings/Scotias/Reducers
- Floor Lids

PREPARATION

General requirements prior to starting work specified in this section:	Building should be weather tight; all wet trades completed and affected areas dried out.
Environmental conditions:	Temperature and humidity before, during and after installing strips/boards: Maintained at levels approximating to those which will prevail after building is occupied. Operating room temperature should be maintained between 13°C and 29°C and the relative humidity of the air should be controlled between 30-65% and should be maintained within these parameters by use of further heating or ventilation as required
Heating system:	Should be commissioned and tested prior to installation and maintained at a temperature in accordance with Boen's tolerance for wood floors (see Boen datasheet)
Fixtures:	Fixtures around which strip flooring is to be fixed: Installed before starting work specified in this section.
Dryness of concrete/screed substrates for flooring:	Relative humidity above substrate when tested with a hygrometer to BS8201, Appendix A (maximum): 75%. Test points: All corners, around perimeter, and random points over area being tested. Drying aids: Turned off for not less than four days before testing.
Existing wood flooring:	Condition: Boards securely fixed and level. Protruding fasteners punched in or countersunk.
Vapour control layer:	One layer 0.2mm age resistant vapour barrier overlapped (min 200mm) at the joints laid directly onto cementitious screed and under battens.

INSTALLATION

Batten installation: Battens laid at 90 degrees to board direction in straight lines, allowing 5mm expansion between each batten. Battens should be staggered between rows and laid in accordance with the Boen Arenaflex Flexbat datasheet. It is vital that the header joint of each board is supported centrally on top of a batten.

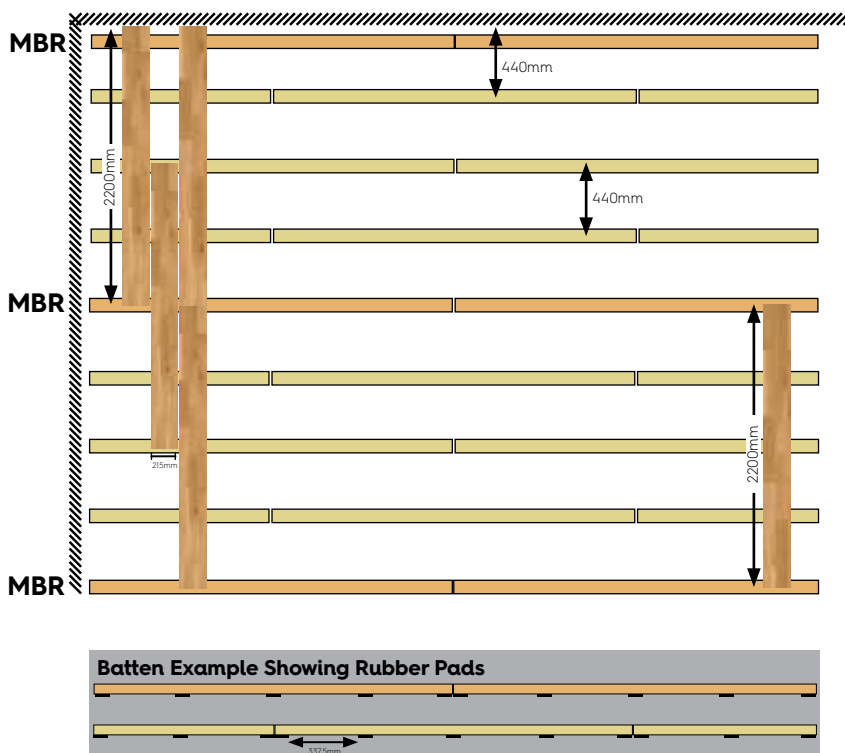
Method of joining: Hardwood boards are secret nailed using 50mm nails/staples/screws at a 45° angle to each softwood support batten. Battens laid at 440mm centres. Heading joints are glued and tightly butted and to be positioned centrally over battens. Heading joints to be staggered by minimum two batten rows on adjoining board rows. First and last board rows to be face nailed into battens, nails punched below surface of boards and nail holes to be filled with matching coloured filler.

Line markings: Floor surface prepared with 'scrad and wing' abrasives to 'dull' surface layer. Clean floor thoroughly. Line markings painted 50mm/40mm, water based acrylic line paint. Drying time 24 hours. Badminton - White, Basketball - Black, Netball - Red, Volleyball -Blue or Green, Tennis - Yellow, 5 a side - Orange. Scrad the linemarkings to key floor surface prior to final coat of Bona Sportive Lacquer.

Floor surface finish: Prior to applying final finish, scrad the floor and apply line markings as per section 'Line Markings'. One coat of Bona Sportive Lacquer to be applied with roller or applicator; drying time 3-4 hours. Normal foot traffic 24 hours. Placing of equipment 72 hours.

Edges of flooring: Edges of flooring: Parallel to lie of strips/boards and 1.5 mm per running metre width of flooring on all four sides and on either side around pipes and fixed pillars etc.

For any further information please contact the sales team on the details below.



Laying Pattern: Two batten stagger to avoid stave joint repetition

MBR = Main bearer row

Setting out battens:

Use a full board to establish the position of 'main bearers at either end of the board. Mark batten centres on the board and use it as a staff to maintain the correct distance between rows, and as a levelling straightedge.