

WALLBALL FACILITY DEVELOPMENT



Guide & Information



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Introduction

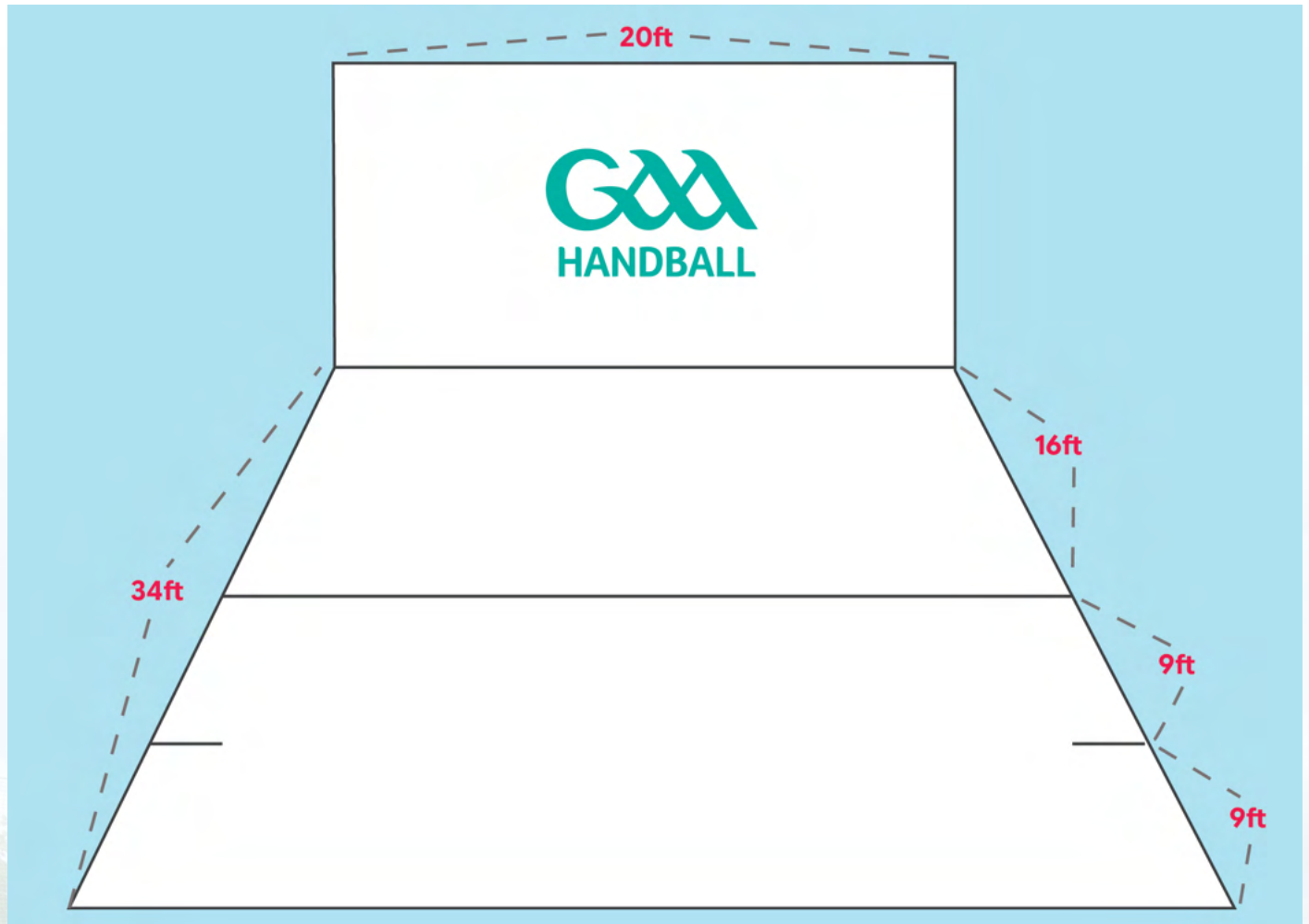


This booklet will take you through the steps of building a wallball court, including dimensions, materials, how to construct or line out the court, and examples of walls to suit indoor/outdoor facilities.

Wallball is the fastest growing code of handball and is a fun and simple game to play. If you are new to handball, there are numerous benefits to having a wallball court in your club/school/community, including:

- Suitable and inclusive for all ages and abilities
- Easy to start, minimal space & equipment
- Cost effective
- Physical Benefits – Improves hand-eye coordination, reaction time, agility, speed, movement, aerobic & anaerobic fitness
- Unique sport that uses both sides of the body
- Only GAA code to be played individually (1v1 or 2v2)
- Can be played indoor and outdoor
- Played internationally

Court Measurements



Lining out a Wallball court involves marking a **20ft wide by 16ft high wall** and a **floor area measuring 20ft wide by 34ft long**.

The 20ft width is measured from the outside edge of one side line to the outside edge of the opposite line.

The short line is positioned **16ft from the wall**, while the long line is **34ft from the wall**.

Service markers are placed midway between the short and long lines on each of the side lines, at the 9ft mark.

For a **national competitive court**, you should have a flat surface. It is recommended to leave an additional 6ft from the side of the court, and 10ft from the back line of the court to any surrounding walls, or other barriers..

Alternative Sizings

If you do not have the space for a regulation size wallball court, you can adapt the court to suit your space for playability using modified dimensions.

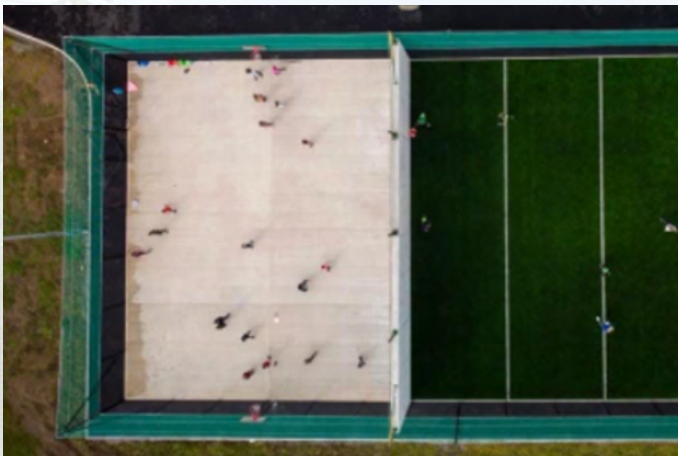
Miniature walls and courts can be created, and side walls can be utilised.

Recommended alternative sizes for court length:

- 14ft high wall, 30ft long line, short line at 14ft
- 12ft high wall, 28ft long line, short line at 12ft
- 10ft high wall, 26ft long line, short line at 10ft etc.

Existing flat surface walls can be marked out using the methods below on page 7. If necessary, you can simply **plaster** the wall to cover over any holes or cracks, to achieve a smooth, flat finish.





Methods for Lining out the Court

Make sure the surface is clean, dry and free from any residue.

Painting/Spraying

- Use high durability acrylic paint/spray to avoid the need for constant reapplications.
- Put masking tape down to mark both sides of the line, then fill with paint using a brush/roller or spray the lines.

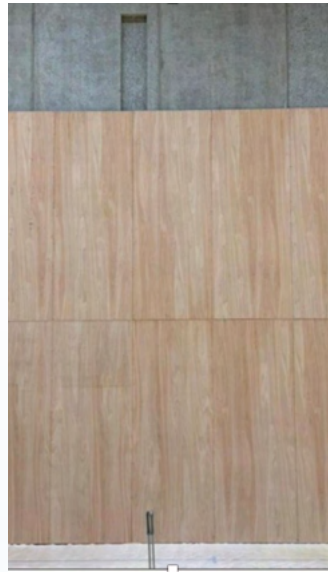
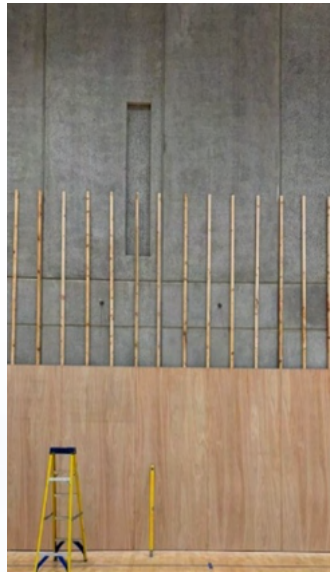
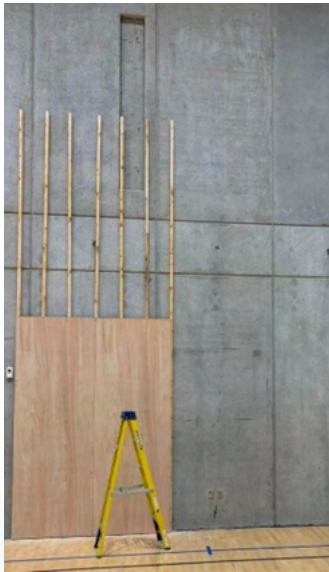
Taping

- Use high quality PVC/vinyl floor marking tape (2 inches wide), rather than standard duct tape as it leaves residue and can peel paint.
- Requirements; at least 120ft of tape for lining out the floor, and 180ft if also taping the front wall.

Requirements for Constructing a Full Size Wallball Court

- 16 lengths of 16ft long 2" x 2" timber batons (4" x 2" rough timber or bigger thickness can be used if required to cover tiles/wiring on the wall)
- 10 sheets of 8ft x 4ft marine plywood (18mm thickness)
- 1 box 8mm x 110mm express nails
- 2 boxes 5mm x 50mm woodscrews
- 1 gallon of primer paint
- 1 tube of Polyfilla (or similar 2 pack filler)
- Mid sheen topcoat paint + hardener
- Weatherproof sealant (for outdoor wall only)
- Roll of sandpaper 120 grit
- Lining out options:
- Paint or Spray or Tape

Step by Step Guide to Constructing a Wallball Court



1. Measure out the space for the new wallball court. Ensure to allow adequate space around the court for safety, i.e. a door does not open onto the court.
2. Prime the plywood with undercoat (primer paint). Allow time for this to dry beforehand. This can also be done between steps 4 and 5.
3. Fix the 2" x 2" timber batons onto the wall vertically at 16" centres with 8mm x 110mm express nails. The distance from the centre of one baton to the centre of the next must be 16 inches. This spacing is standard for ensuring that the plywood can be securely fastened to a strong, stable structure.
4. Fix your plywood sheets to the batons with 5mm x 50mm screws. Start from one side and make sure you are plumb and level with each sheet.
5. Use Polyfilla (2 pack filler) to fill screw holes. Once the filler is completely dry, use sandpaper to remove the excess material and make the area smooth and level.
6. **For outdoor only:** Apply a clear weatherproof sealant on your wall to prevent weather damage. Wait for this to dry before moving to the next step.
7. Apply topcoat of paint with hardener.
8. Lining out the Court (see above for methods).
9. Apply GAA Handball/club/school logo (optional).
10. Play ball!