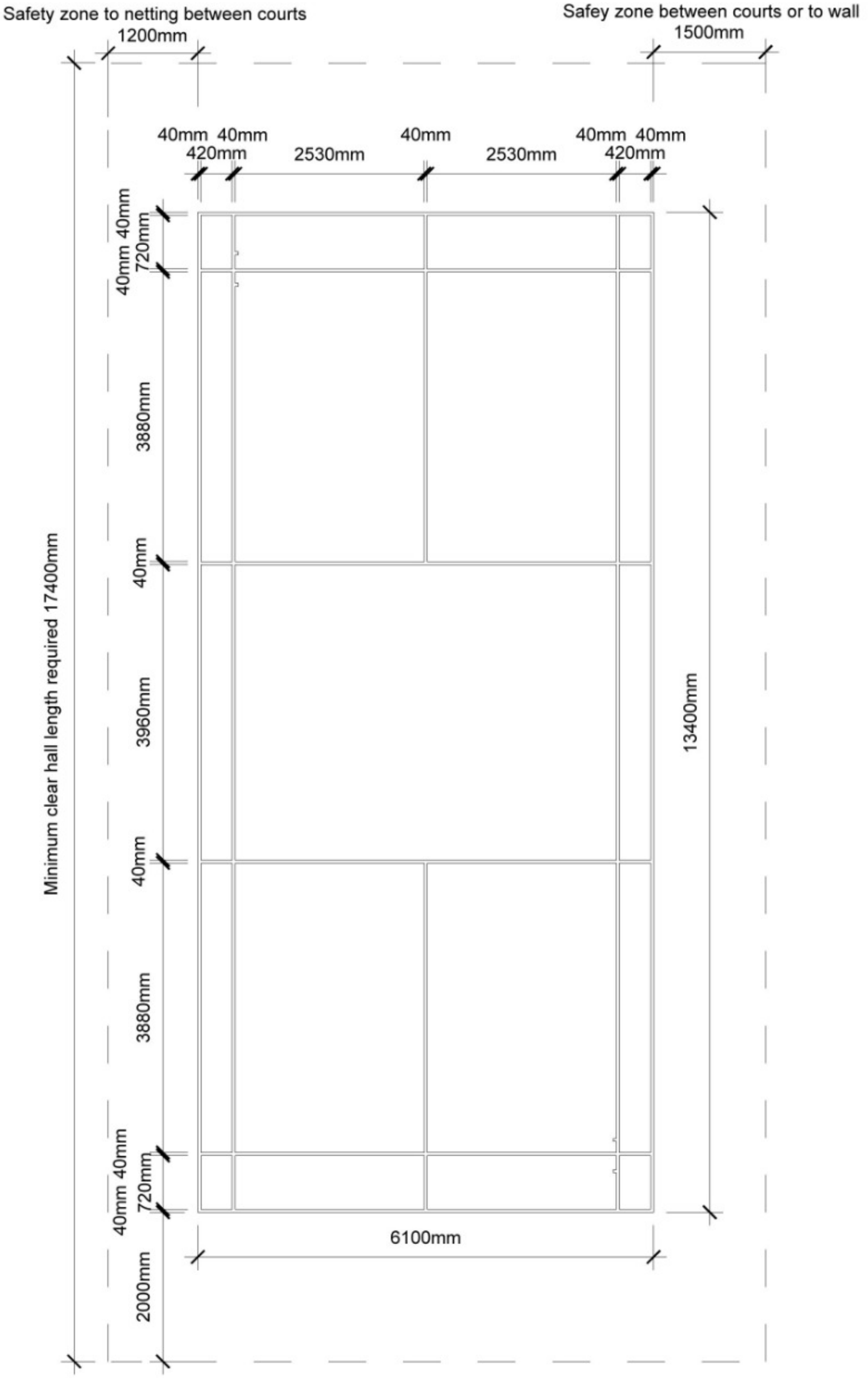
BADMINTON COURT

Badminton court layout





Badminton design data

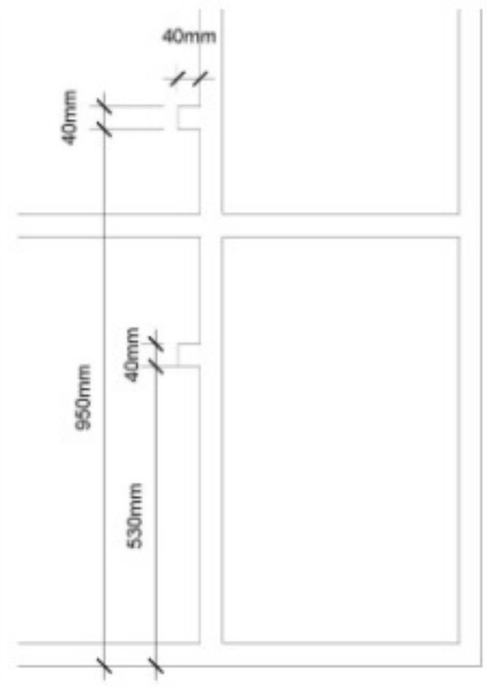
Court dimensions
Doubles 13.40m x 6.10m

Safety margins: minimum 2m clear between the back of the court and any wall. 1.5m clear between the side of the court and the wall or another court. 1.2m should be allowed between sport hall dividing nets.

The singles court is marked within the doubles court as shown overleaf.

Line markings
Width of lines: 40mm
External dimensions **include** width of lines.

Shuttle speed testing marks
To show the zone in which a shuttle of correct pace lands when tested, an additional four marks 40mm x 40mm may be made inside each side-line for singles of the right service court, 530mm and 990mm from the back boundary line.



Colours
The lines shall be easily distinguishable, preferably white but yellow is also acceptable.

Preferred playing surface colours are green, blue or natural timber with a transparent seal. The finish to the flooring should be matt to avoid any glare. **sport**scotland recommend a light reflectance value of 0.2 - 0.4 for the floor surface.

The ideal badminton hall has four plain walls with no windows. Walls should be medium to dark shades with a matt finish in order to contrast with the shuttlecock. There should be no distracting attachments, particularly brightly coloured items. Blue or green are preferred colours.

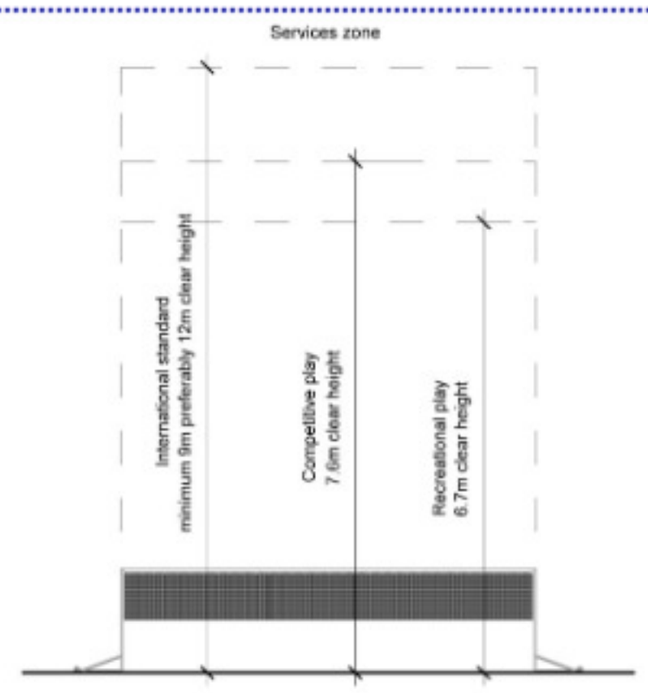
The surface texture, colour and reflectance value should be consistent over the full hall, with excessive changes in colour and materials avoided if possible.

Wall - The light reflectance of value of the materials should be 0.3 - 0.5 in a matt finish.

Ceiling - The light reflectance of value of the materials should

Clear height requirements
Recreational: 6.7m clear height above the playing area
Competition: 7.5-9m clear height above the playing area
International standard: At least 9m but preferably 12m clear height above the playing area

The heights indicated refer to clear heights above the court and below any structure or services.



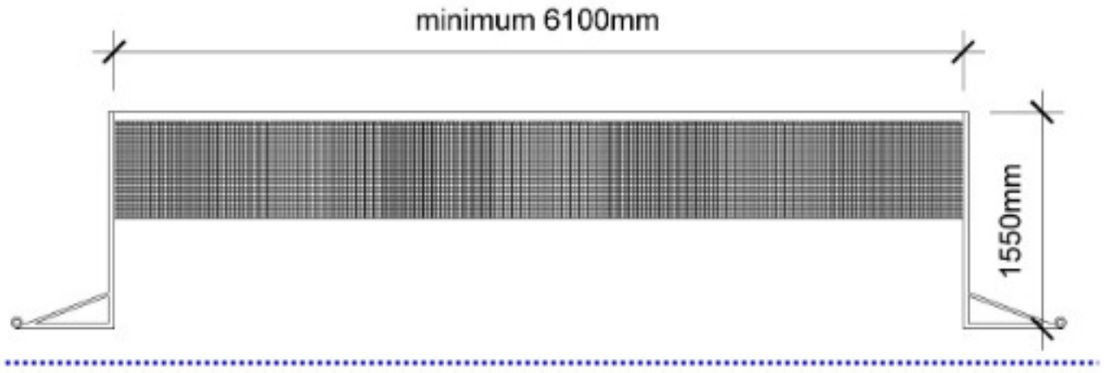
Sports hall environment
Ideal temperature: 16 degrees
Air velocities should be less than 0.1m/s to avoid deflecting shuttlecocks.

Lighting levels:
recreational and club use: 300-500 lux
International events: 1000 lux
Uniform levels of illumination across the hall is preferable.
Direct sunlight should be avoided.

Hall dividers:
If a sports hall has dividing nets between courts it is preferable for these to be blue / green to contrast with the shuttlecock. Ideally they should the same colour as the walls and ceiling

Sports floor:
Sports floor conforming to BS EN 14904:2006
National & international level competition's are commonly played on a roll out court over an existing sports floor.

Net



ACRYLIC

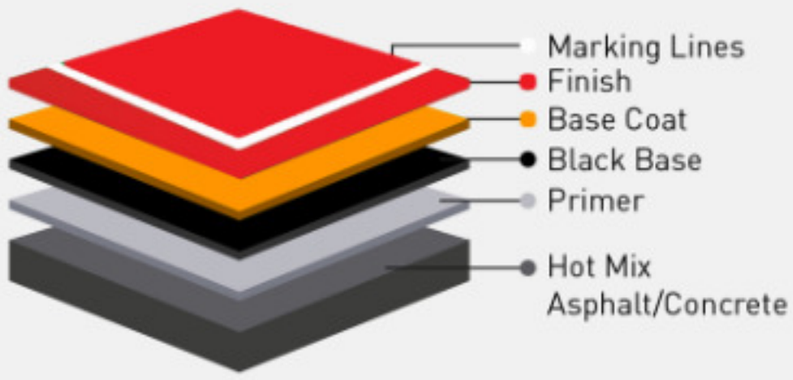
PRODUCT DESCRIPTION

Designed to deliver excellent sporting performance, the Acrylic flooring system comes in two versions: Standard and Comfort.

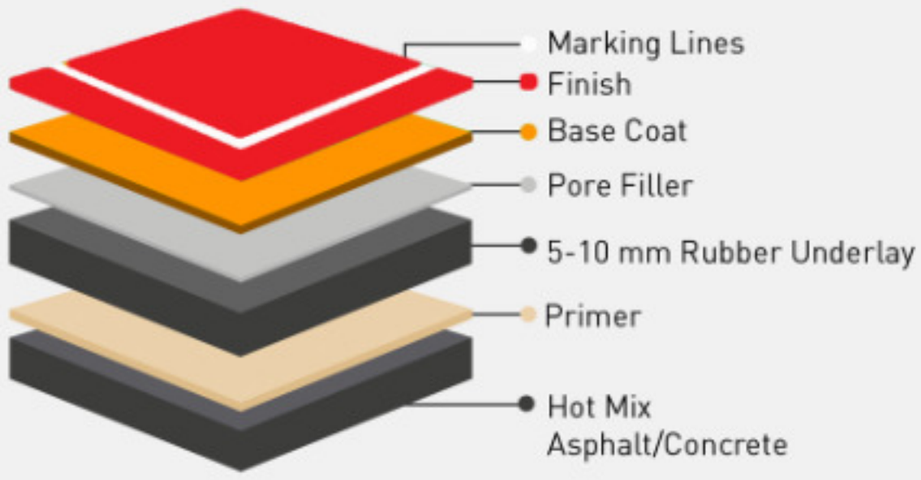


LAYERING

ACRYLIC STANDARD



ACRYLIC COMFORT



DIMENSION & COLOR

Available in various dimensions, designs & colors as per client requirement.

INDUSTRY APPLICATIONS

- Sports Courts
- Multi-sport Arenas

VINYL

PRODUCT DESCRIPTION

Vinyl is versatile, easy to maintain and vibrant. This system also provides excellent ball bounce, shock absorption and abrasion resistance among others.



DIMENSION & COLOR

Available in various dimensions, designs & colors as per client requirement.

INDUSTRY APPLICATIONS

- Sports Courts
- Multi-sport Arenas