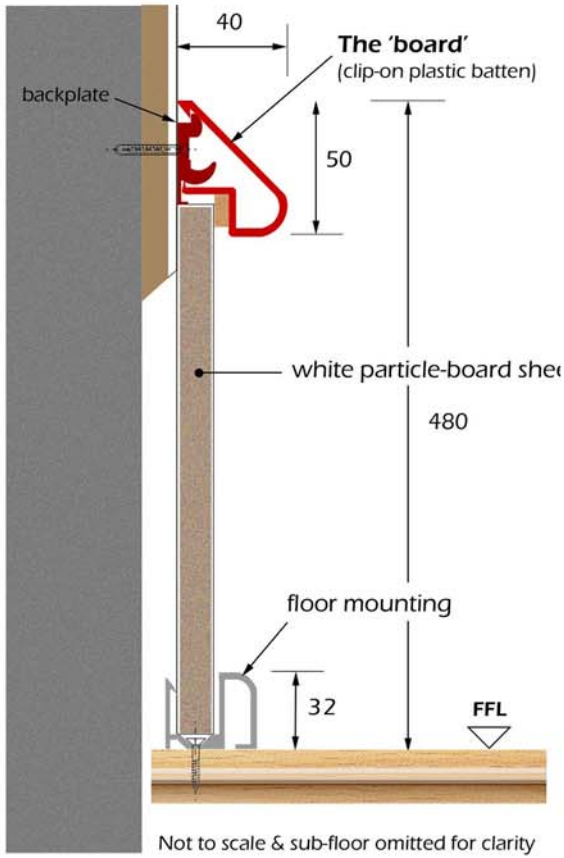
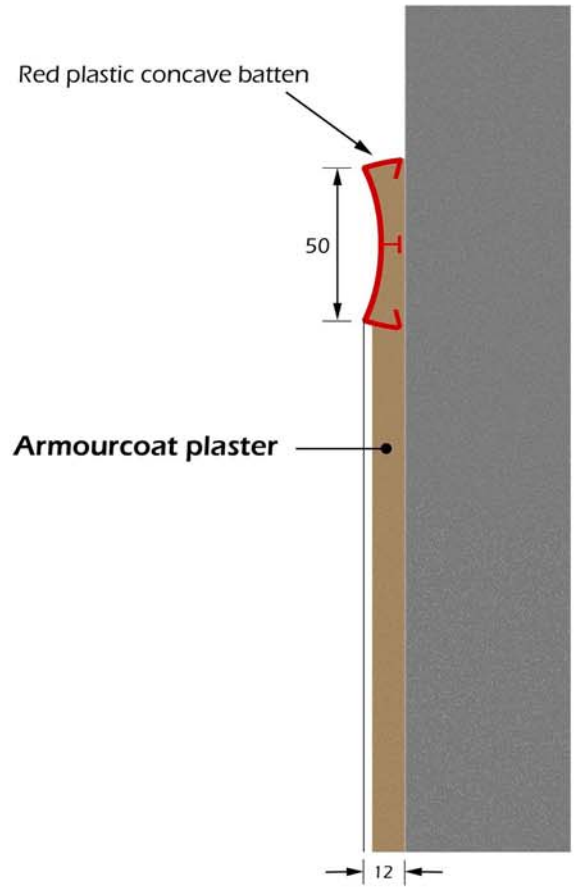


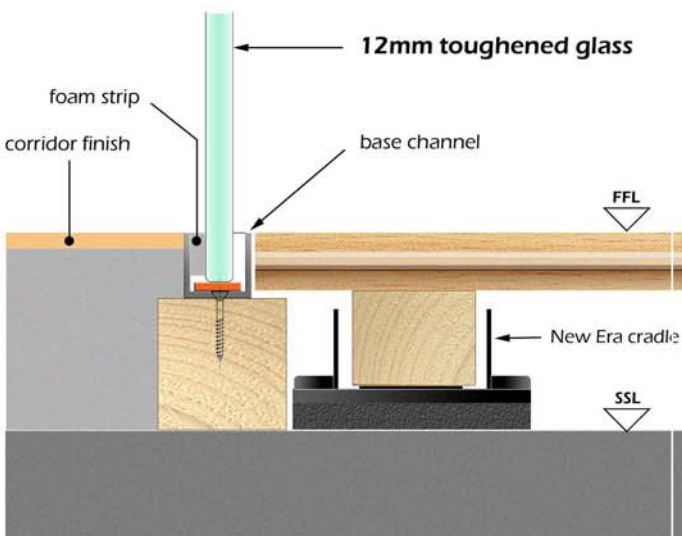
The Armourcoat 'Tin'



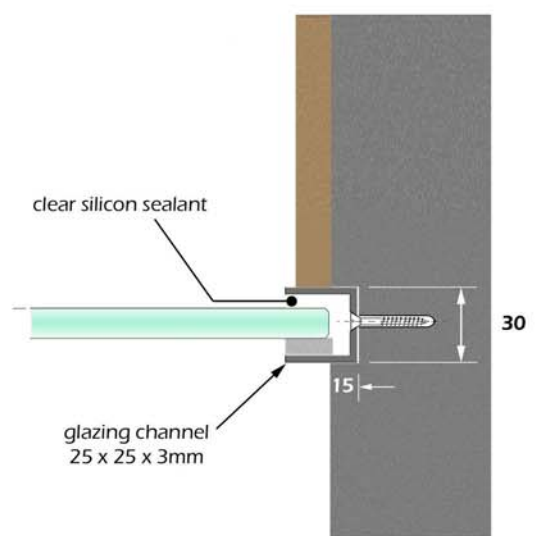
The Armourcoat out-of-playline



Glass wall base channel detail



Glass wall side channel detail



Preamble This Specification describes each of the specialist finishes in the CourtCare UK Squash Court Package in NBS format. Each element is approved by and complies in all respects with the requirements of the relevant governing bodies of squash rackets: The World Squash Federation (WSF), England Squash & Racketball (ESR) and the Scottish Squash Rackets Association (SSRA)

INSTALLATION: All squash court finishes should be installed by a specialist contractor approved by England Squash. CourtCare UK is an approved contractor.

TOLERANCES: Walls should be constructed absolutely straight and plumb to a tolerance of $\pm 10\text{mm}$ in 4000mm. Joints should be left flush and not raked out prior to application of the specialist plaster.

SUB-FLOOR TOLERANCES: Sub-floors should be levelled in accordance with BS 8204 Pt 1 (1987), Code of Practice for concrete bases and screeds to receive in-situ flooring and levelled to within a tolerance of 3mm under a 3m straightedge. Concrete sub-floors should be power-floated or screeded to receive semi-sprung floor battens without the need for packing. Levelling cradles should be specified where this is not likely or possible, where pre-cast concrete units form the sub-floor, for example (see K21/ 135).

DIMENSIONS: The internal finished dimensions of a squash court between plaster faces are given below. The plaster specified (Armourcoat or Armourcolor) is 12mm thick, which must be taken account of when setting out the masonry.

Width:	singles court 6400 $\pm 10\text{mm}$ (doubles court 76200 $\pm 10\text{mm}$)
Length:	9750 $\pm 10\text{mm}$
Diagonals:	singles court 11663 $\pm 25\text{mm}$ (doubles court 12365 $\pm 25\text{mm}$)
Height (at rear):	2130mm + FFL to top of glass wall
Height (at front):	4570mm + FFL to underside of playline
Height (overall):	5640mm from FFL to underside of light fittings (minimum)

H13 STRUCTURAL GLASS WALLING

TYPE(S) OF STRUCTURAL GLASS ASSEMBLY

H13 SQUASH COURT GLASS-BACK WALLS

Manufactured and supplied by Prospec Limited of Rotherham (Tel: 01709 377147) or equivalent, and as approved by the WSF.

Constructed and installed in accordance with CourtCare Specification CourtCare Method Statement and working drawings from 12mm toughened glass, edge-worked and drilled as necessary. Model type EP200 (four panel freestanding type).

Manifestation to the lower 610mm of all panels and doors with 3mm wide white lines screen painted on the playing side, and as may be required additionally by Building Regulations. Include all components and aluminium patch fittings, flush ring pull handles and latch set, supporting glass fins and aluminium brackets, glazing channels, silicone glazing compound, all screws, bushes, fixing bolts etc. required to complete the installation.

Squash Court Finishes:

Elemental Specification (NBS format)

K21 TIMBER STRIP/ BOARD FINE FLOORING/ LININGS

TYPE(S) OF FLOORING/ LINING

K21/110 BATTENED TIMBER FLOATING FLOOR TO SQUASH COURT

Manufactured by Junckers Ltd. Wheaton Court Commercial Centre, Wheaton Road, Witham, Essex CM8 3UJ (Tel. 01376 517512), and approved by the WSF and ESR to required performance standards: complying with BS EN 14904: 2006 type A4 for area elastic floors. Base to conform to level tolerance SR3 and not deviate more than a ± 5 mm in 3 metres, having a suitable damp proof membrane underneath.

Type: SylvaSquash pre-finished prime grade beech strip with textured surface, unsealed double-width boards 22mm thick x 129 wide x 3700 long; tongued and grooved on all edges.

Fixing: secret-nailed to treated softwood battens (every time a board crosses a batten)

Levelling system: New Era Unobat cradle comprising polypropylene cradles with integral foam pad and packers, or equal approved

Cradle height: 16, 32, 48 or 60mm to suit elevation

Batten thickness: 36 or 48mm to suit elevation

Cradles to be laid at centres to suit batten thickness (centres 450 or 600mm); softwood battens to be laid inside cradles at 411 centres and levelled with MDF or nylon packers, by rotating laser as necessary to tolerance specified. Standard floor thickness 74mm.

All board-ends and cross-joints to be supported by a batten. Incorporate 2mm expansion joints between strip flooring in accordance with prevailing conditions and manufacturer's instructions; perimeter gap a side walls not to exceed 9mm. Finished floor thickness 74mm. Provide a flat true surface free from undulations in accordance with ESR tolerances for finished floors:

Levelness: ± 10 mm in length, width & diagonally

Plane: joints not exceeding ± 0.25 mm

Trueness: ± 3 mm in 3 metres

Court Markings: in accordance with WSF/ESR recommendations.

Refer to M60.

M20 PLASTERED/ RENDERED/ ROUGHCAST COATINGS

TYPE(S) OF COATING

PLASTERING

M20/10 GENERAL

To the approval of the Employers Agent and to the tolerances stipulated in the Performance Specification.

M20/20 HARDWALL PLASTER

Where plaster is required above the playline it shall be Thistle Hardwall by British Gypsum, nominal thickness 12mm, flush with out of playlines (see N10), painted in three coats of white emulsion subsequently.

Squash Court Finishes:

Elemental Specification (NBS format)

M20/30 SQUASH COURT PLASTER

Armourcoat manufactured by Armourcoat Ltd. Morewood Close, London Road, Sevenoaks, Kent TN13 2HU (Tel. 01732 460668), and approved by the WSF and ESR. Installed by a Quality Accredited contractor approved by Armourcoat Ltd. and in strict accordance with manufacturers instructions; to plumb and level block or brickwork; nominal thickness 12mm, in two coats; 9mm basecoat, 3mm finish coat, trowelled to a smooth, dense, matt finish. Applied to playing areas only. Excluding dubbing out. Undecorated finish. Accessories: Out-of-play lines: concave plastic battens, fixed prior to plastering. Refer to M20/35.

M20/35 ACCESSORIES: OUT-OF-PLAY LINES TO SQUASH COURT PLASTER

Manufactured by Armourcoat Ltd. (see M20/30), and approved by the WSF and ESR; extruded plastic battens concave section 50 x 12 thick;
Colour: red
Fixing: bedded into Armourcoat plaster, levelled along a string-line to form a permanent ground for and flush with finished plaster surface.

M60 PAINTING/ CLEAR FINISHING

DECORATIVE TYPE(S)

COURT MARKINGS: SQUASH COURTS

In accordance with WSF and ESR specifications, apply painted 50mm wide court markings to floor and front wall (the "cut-line").

Colour: red

Manufacturers reference: Isoline line marking paint by Junckers Ltd., or similar approved

N10 GENERAL FIXTURES/ FURNISHINGS/ EQUIPMENT

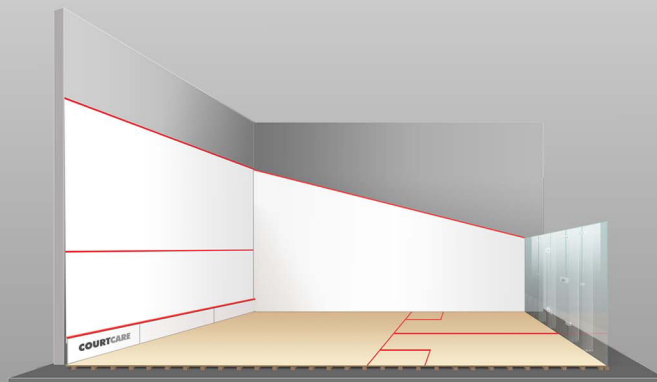
N10 THE "TIN" (OR "PLAYBOARD"): SQUASH COURT

Manufactured by Armourcoat Ltd. (see M20/30), and approved by the WSF and SRA; installed in accordance with manufacturer's instructions, comprising extruded plastic floor mounting screwed to finished floor along width of front wall, 6400 x 32 deep, grooved to receive white melamine-faced particle board sheets 2440 x 430 x 15, cut to length with plastic pre-formed back-plate placed at top edge of sheets and screwed and plugged to front wall; splayed rounded and rebated top batten (the "board") formed of extruded plastic 50 x 40 clipped onto back-plate.

Colour of mouldings: floor mounting, white; top batten, red

OUT-OF-PLAY LINES: SQUASH COURTS

Refer to M20/35; accessories to squash court plaster.



COURTCARE

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