



02. CODE OF PRACTICE

PREFERRED METHODS OF CONSTRUCTION

02.04 PARQUET FLOORS – OVER CONCRETE WITH RUBBER UNDERLAYMENTS

It is strongly recommended that direct bonding of timber floors (of any type) directly to rubber underlays is contrary to good trade practice, and is NOT RECOMMENDED.

If rubber underlays are designed for use in a glue-down Parquet Wood Floor System, then the recommended method is to firstly install the rubber underlay, then sheet over the rubber underlay with minimum 15 mm thick structural grade, exterior waterproof plywood, to enable a timber-to-timber bond to be established between parquet and structural plywood sub floor.

RECOMMENDED METHODOLOGY

Check that tolerances of concrete sub base conform with minimum requirements of planeness and levelness of the code, being maximum 3 mm deviation anywhere under a 3 metre straightedge.

Adjust sub floor levels as necessary, using only highest quality concrete underlayments used strictly in accordance with the manufacturers printed instructions.

Fix rubber underlay to concrete sub base utilising Waterproof Polyurethane Adhesive Systems used strictly in accordance with manufacturers recommendations.

Fix minimum thickness 15 mm Exterior Waterproof Structural Plywood, through Rubber Underlay, to prepared concrete floor utilising a high quality Waterproof Polyurethane Adhesive System in accordance with the manufacturers printed instructions, leaving a 4 mm joint between sheets.

Mechanically fasten plywood sheets to structural concrete using steel anchors of sufficient length to achieve minimum 50 mm purchase into parent slab.

(NOTE: this means assessing thickness of any topping or underlayment before selecting choice of anchor length)

Strategically fix not less than 15 anchors per sheet, with perimeter anchors set not less than 50 mm from edge of sheets

Presand plywood as necessary to ensure sub base is clean and flat with flush joints.

02.04 PARQUET FLOORS – OVER CONCRETE WITH RUBBER UNDERLAYMENTS (Cont'd)

RECOMMENDED METHODOLOGY

PARQUET

Directly bond parquet to plywood sub base in accordance with Australian Standards.

“Square” edge parquet, when “filled” and prepared correctly may be sanded and finished with almost any wood floor coating system.

However, any site-finished Tongue & Grooved Parquet product should NOT be treated with POLYURETHANE COATINGS due to potential dangers of “Edge Bonding” where coating strength prevents normal seasonal movement between blocks or boards, and causes tearing of the wood floor system.