

BUILDING SOLUTIONS



WEYROC PROTECT

FLOORING BOARD



SAVE TIME, SAVE MONEY AND PUT SAFETY FIRST!

WEYROC PROTECT

Weyroc Protect is manufactured from Type P5 flooring grade chipboard faced with thermosetting resin impregnated kraft paper bonded to both sides of the chipboard.

Weyroc Protect has been awarded the coveted BBA certificate - proving the suitability of Protect for use as a floor across joists that can be left exposed to the elements for up to 6 weeks during the building process, eliminating weather related stoppages and resulting in speedier completions.

When glued properly with Weyroc Adhesive, Weyroc Protect does NOT need to be taped saving time and money.

Weyroc Protect's unique anti-slip structure provides excellent footholding in both wet and dry conditions. Therefore Weyroc Protect provides the ideal solution for builders requiring **a safe working platform** during housebuilding prior to roof construction, whatever the weather!



**THE ONLY BOARD WE RECOMMEND
TO BE LEFT EXPOSED TO THE ELEMENTS
DURING THE BUILDING PROCESS**

WEYROC PROTECT - THE BENEFITS

- **PROTECTS** - against the elements - Protect can be left exposed for a maximum of 42 days during the building process whatever the weather!
- **PROTECTS** - Weyroc Protect is certified for use without joint sealing tape, saving time and money
- **PROTECTS** - against water and moisture ingress on **BOTH** sides of the board thanks to the fully sealed surface of Weyroc Protect.
- **PROTECTS** - from slipping during wet and dry conditions supporting site safety. The anti slip surface applied during manufacture provides market leading slip resistance.
- **PROTECTS** - against site spoil, impact and wear and tear of heavy site traffic.
- **PROTECTS** - against surface spread of flame.
- **PROTECTS** - budgets by helping to speed up the building process.
- **PROTECTS** - long after the keys have been handed over!

FLOATING FLOORS

Weyroc Protect is Egger's recommended product for floating floors. With its unique sealed surfaces on both board faces, it is the only board available which will consistently perform in this high moisture environment.

NOW AVAILABLE - WEYROC ADHESIVE

Egger recommend the use of Weyroc Adhesive. Specially formulated and colour matched "Egger grey" for use with Weyroc Protect flooring system and is the ideal product for use when laying any chipboard floor.

Packaged in 1litre bottles featuring a quickflow cap, Weyroc Adhesive has an optimum viscosity for speed of delivery and minimum waste, saving both time and money.

Fully compliant with BSEN 204/D3, Weyroc Adhesive is tested for use in all exterior applications.

PROTECT DOES NOT NEED TO BE TAPED
Glue joints, nail heads and perimeter edges with Weyroc Adhesive to ensure board integrity.



PROTECTION AT THE DOUBLE!



DIMENSIONS AND STOCK AVAILABILITY

THICKNESS	STANDARD DIMENSIONS	BOARDS PER PACK	PACK WEIGHT
18mm	2400 x 600mm	80	1.53 tonnes
22mm	2400 x 600mm	64	1.53 tonnes

Note: Other sizes are available subject to quantity.

TECHNICAL DATA

The data presented (see table on back page) is achieved following testing to both Weyroc Protect and P5 board in accordance with BS EN 312-5: 1997 methods of test for particle board.

AUTHORITY

The product's superior technical performance has been endorsed by the award of the BBA (British Board of Agrément) certificate.

JOINT SEALING

When joints are glued properly, no tape is needed to ensure joint integrity. Egger (UK) advise that a liberal amount of Weyroc Adhesive, complying with BSEN 204 (Class D3) should be applied to the groove of the profile joint (to the edge of each board). The boards should then be butted tightly together. Any excess adhesive should be removed with a damp cloth. To ensure best practice, please apply Weyroc D3 glue to cover exposed nail heads and board perimeter edges.

TECHNICAL INVESTIGATIONS

The following is a summary of the technical investigations carried out on Weyroc Protect.

Tests were conducted to determine:

- Standing water resistance - Weyroc Protect fully immersed for 35 days during BBA testing.
- Moisture content of standing water specimens in accordance with BS EN 322 : 1993.
- Water vapour permeability in accordance with BS 3177 : 1959 (1995).
- Resistance to hard body impact in accordance with BS EN 1128 : 1996.
- Slip resistance in wet and dry conditions in accordance with the TRL Pendulum test.

OTHER INVESTIGATIONS

An examination was made of data relating to:

- Surface spread of flame to BS 476 : Part 7 : 1997.
- The manufacturing process for the panels was examined, including the methods adopted for quality control and details were obtained of the quality and composition of the materials used.
- A site in progress was examined to establish the practicability of installation.
- A user survey of builders who had used Weyroc Protect was conducted to establish the practicability of installation and performance in use.
- Full BBA test data available on application.

SITE PRACTICE

Boards should be covered and not left exposed while on site prior to installation.

ADDITIONAL INFORMATION

The management systems of Egger (UK) Limited have been assessed and registered as meeting the requirements of BS EN ISO 9001 : 1994 by the British Standards Institution Quality Assurance (Certificate No FM 28740).

**WEYROC PROTECT
CAN BE LEFT EXPOSED
TO THE ELEMENTS
FOR 42 DAYS**



**AND THERE'S NO
NEED FOR JOINT
SEALING TAPE**

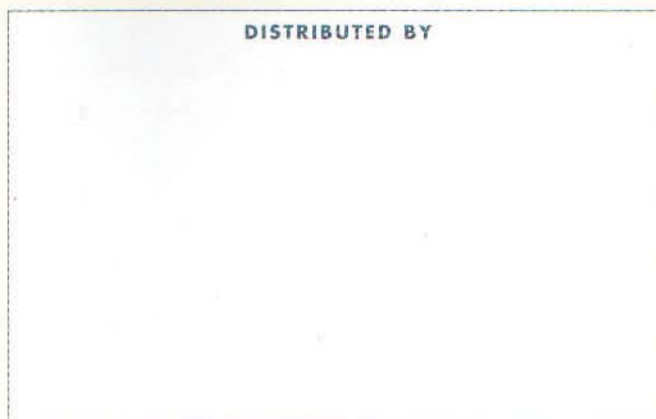
PHYSICAL PROPERTIES TABLE

Given below are typical values achieved when Weyroc Protect and P5 are tested in accordance with BS EN 312-5:1997 methods of test for particle boards. The results highlight the superior technical performance of Weyroc Protect which enhances its ability to withstand exposure to the elements during the building process. Figures are expressed as 5 percentile values.

	(P5)	PROTECT (P5)
Density (kg/m ³).	700-720	700-720
Modulus of rupture (values quoted apply both along and across the board).	16N/mm ²	17N/mm ²
Modulus of elasticity in bending.	2700N/mm ²	3000N/mm ²
Internal bond.	0.7N/mm ²	0.7N/mm ²
Thickness swelling 24 hour immersion (taken as a 95 percentile value).	5%	4%
Residual swelling after cyclic test.	9%-	6%
Residual internal bond after cyclic test.	0.35N/mm ²	0.4N/mm ²
Water absorption through surface.	4.1 x 10 ⁻² g/m ² sec	1.5 x 10 ⁻² g/m ² sec
Surface spread of flame	Class 3	Class 2
Impact resistance BS EN 3128:1996	-	Satisfactory
Slip resistance - TRL pendulum test	-	37 (Wet) Satisfactory 56 (Dry) Satisfactory
Water vapour permeability - BS 3177:1959 (1995)	-	65 - 76 MNsg ⁻¹

DURABILITY

Provided the board is fixed to satisfactory, stable and durable substrates and instructions are followed, then the product should have a life equal to the building in which it is installed.



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