

## TECHNICAL INFORMATION SHEET

# MONO PARQUET

# TIMBER-FLEX

## NEW IMPROVED PACKAGING

### Type of product

**Mono Parquet** is high performance, elastic, moisture curing floor adhesive, based on M S POLYMER technology for use in bonding most timber and laminate flooring to most construction surfaces, including floor screeds and timber floors. **Mono Parquet** is solvent free, water free and contains no isocyanates making it the **safest product for the floor laying industry and the environment.**

### Areas of application

**Mono Parquet** has been specially designed for bonding Timber and Parquet flooring, laminated flooring, parquet woodblocks, resin impregnated parquet flooring, timber floor boards, varnished parquet flooring, plywood parquet flooring and exotic species such as teak, oaks and bamboo. It has excellent adhesion without primer to most substrates such as wood, concrete, stone and asphalt floors, it can also bond non porous materials, and its flexibility means that it is **suitable where under floor heating has been installed.** **Mono Parquet** also has the benefit of being **waterproof when cured** therefore not allowing moisture from the sub floor to get in contact with the timber. This minimises the risk of deforming the wood flooring.

### Surface preparation

The substrate must be flat, clean, dry and free of dust or grease, do not apply directly on a timber floor without under-floor ventilation. Completely remove any existing coverings such as Linoleum and carpet underlay and old adhesive. If laying on existing floorboards ensure they are fixed securely. The moisture content of the substrate must not exceed 3% and the moisture content of the timber should not exceed 9%. The humidity of the timber flooring should be between 7-11%. If the sub-floor is uneven apply **Construction Chemicals Self-levelling Compound** to bring the floor level. Do not prime with PVA.

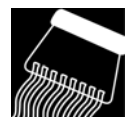


**Mono Parquet used with a notched trowel will ensure full coverage of adhesive.**

### Application

Suitable for use on porous and non porous surfaces, concrete, asphalt, screeds, wood, chipboard and large particle chipboard, including floors with underfloor heating, can even bond ceramic tiles in wet areas. **Mono Parquet** adhesive is also suitable for bonding moisture sensitive wood onto moderate porous surfaces and has the added benefit of being waterproof when cured. Do not work at temperatures below 5°C or above 25°C or when the relative humidity exceeds 75%. Adhesive should be brought to room temperature before using. Uniformly spread adhesive on to the sub-floor with an appropriate notched trowel.

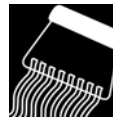
Do not apply more than can be covered with timber in 20 minutes. Slide the timber flooring into the wet adhesive film and tap down with a rubber mallet. Pressure should be applied and maintained until the adhesive is sufficiently cured. Full cure of the adhesive is obtained in 24 hours. Ensure the adhesive covers 80% of the timber and wait at least 24 hours before sanding. Once cured (traffic within 24 hours should be kept to a minimum) a flexible non shrinking bond is achieved which is heat and moisture resistant.



**Mono Parquet** should be acclimatised in the location for several days before application, leave in packaging until installation. .  
 Allow a gap of 1 to 1,5 cm around the perimeter of the laid parquet, including any columns or structures which penetrate the floor.



**Construction Chemicals Wood Weld PU**, can be used in conjunction with **MonoParquet** for most flooring applications. Used as adhesive battens **Wood Weld PU** can be used on the same substrates as Mono Parquet



**TECHNICAL DATA**

Base	MS Polymer
Curing system	Moisture curing
Consistency	Paste
Colour	Pale brown or dark brown
Specific gravity (g/cm³)	Approx. 1,6
Brookfield viscosity (mPas)	Approx. 72.000 (HBT A/10)
Open time at 21°C and 50% rh	Approx. 20-30 minutes*
Adjustability time at 21°C and 50% rh	Approx. 20-30 minutes*
Set to load bearing	min. 24 hrs
Sandpapering/finishing	min. 24 hrs
Shear strength (DIN281b) wood/wood	> 1N/mm²
Temperature resistance	-40°C to +90°C (cured)
Durability against ageing	good
Total solids content	100% (solvent free)
Application rate	Depending on the subfloor, 1000 – 1200 gr/m² by use 6mm V notch trowel 600 – 800 gr/m² by use 3mm V notch trowel

**Characteristics:**

- One component ready to use and easy to apply
- Solvent free
- Water free
- Free of isocyanates
- Forms stable peaks once applied by a notched trowel or spreader comb
- Rapid build up of bond strength
- Rapid curing
- High final bond strength (according to DIN 281)
- Permanently Elastic
- Suitable for underfloor heating
- Dissipates shear forces
- Easy to remove residues on flooring
- **No hazard labelling required**

**Storage and handling.**

**Mono Parquet** is a moisture sensitive adhesive and left in contact with the open atmosphere will eventually gel. Our new packaging means that the user need only open a 5kg pack at any time therefore reducing wastage and resulting in a longer shelf life for unopened packs.

**Cleaning**

Tools should be cleaned with turps or water before the adhesive has completely cured. After curing, mechanical cleaning is required..

**Packing**

15kg (3 X 5KG SEALED FOIL RAPPED BAGS) plastic buckets

**Storage and shelf-life**

12 months in hermetically sealed original packaging stored between +5 °C and 25°C.

**Safety** Read the material safety data sheet before use. No hazard label required.



*Timber-flex will act as a damp membrane, however speed and floating floors are to be laid on newly laid concrete use **Construction Chemicals Moisture Membrane**. This unique dimpled system allows air flow between the floor and membrane, this means the floor can dry naturally without effecting the fitted wood floor, therefore speeding up the installation of natural or laminate flooring*  
 See data sheet for Platon Stop



BEAUTIFUL FLOORS BONDED WITH  
 TIMBER FLEX ADHESIVE



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## PLATON STOP FLOORING MEMBRANE



Platon Stop provides an effective, single application damp proof underlay for wood and laminate floors laid on concrete.

It's equally effective for renovation or new build projects and the tough polypropylene membrane can be laid directly onto a new concrete slab as soon as it is dry enough to walk on. With three times the water vapour resistance than film membranes, it eliminates the need to install a foam underlay. Construction height is only 2.5mm.

**PRODUCT  
FOCUS**

Depending upon the moisture content of the floor, Platon Stop is either fixed with damp resistant adhesive tape or a butyl rubber strip. The wooden flooring material can then be installed immediately.



This unique dimpled system allows air flow between the floor and membrane, this means the floor can dry naturally without effecting the fitted wood floor, therefore speeding up the installation of natural or laminate flooring.

### FEATURES

- No need to wait for the concrete slab to dry
- Offers 3 times more water vapour resistance than film membranes
- Fast, single application
- Does not perforate even on rough concrete
- Capillary breaking
- Cushioning and impact sound - deadening
- Suitable for use under all wood and laminate floors including glue-free systems



**Platon Stop roll size 2.05m x 20m x 7mm**



*Fiddes Hard Wax Oil, A high performance product to give a perfect finish to natural wood floors..*

contact us on 0116 230 1955 or see the range on line at  
[www.constructionchemicals.co.uk](http://www.constructionchemicals.co.uk)