



INTERIOR



LIANFLOOR®

WATERBORNE JOINT AND CRACK FILLER

Product description

LIANFLOOR® is a highly flexible acrylic filler for joints, cracks, holes and other flooring defects. Mixed with sawdust from the final sanding, it maintains the woods natural colour, allowing a superior finish to be achieved while at the same time preventing the finish from bonding across joints. Easy to use, it is quick drying, odourless, non-yellowing and easy to sand. LIANFLOOR® can be used on all soft and hardwood flooring and may be stained and used with other varnishes that are compatible with acrylic fillers.

Properties

- Acrylic filler for joints, cracks, holes and other defects.
- Waterborne - Odourless - Quick drying.
- Mixed with sawdust from sanding (grit No's 80 to 100).
- Prevents bonding of joints by the finish - Allows floor to flex and move.
- Easy to use - Easy to sand.
- Non-yellowing - Maintains woods natural colour.
- Long lasting flexibility - Will not crack.
- Neutral PH - Unaffected by tannin bleed.

Basic uses

- Filling joints, cracks, holes and other flooring defects not exceeding 2 mm in width.
- All new and old uncoated wooden flooring and staircases including parquet, laminate and veneered (engineered) flooring.
- All soft and hardwoods including exotic hardwoods.
- Compatible with all OWATROL flooring products: PRIMAFLOOR®*, OLÉOFLOOR® CLASSIC*, OLEOFLOOR® NATURAL*, VEGAFLOOR®* and ULTIMAFLOOR®* and all other stains and varnishes compatible with acrylic fillers.

Technical data

Vehicle type: Acrylic resin.

Solvent type: Water.

Viscosity: Fluid.

Specific gravity: 1,00 ± 0.02.

Physical state: Liquid.

pH: 8.5 ± 0.05.

Flash point: Non-flammable.

Shelf life: 1 year in its original unopened container.

Container size: 1L, 2.5L.

Drying (data at 20°C and 50 % relative humidity): 2 hours depending on temperature, humidity and the width of joints, cracks etc.

VOC: EU limit value for this product (cat. A/g): 30 g/l (2010). This product contains max 26 g/l VOC.

Application tools

Spatula or filling knife and bucket.

Use stainless steel tools including bucket to avoid changing the shade of the wood.

Good application practice

- Protect everything that does not have to be coated.
- Remove all furniture and furnishings.
- Remove plants and flowers. Remove or cover fish tanks.
- Compatible with wood that has previously been treated with TMU 84*.
- Use as is. Do not dilute with other products, including water.
- Do not apply at an ambient air and wood temperature of less than 10°C or greater than 25°C.
- Only apply LIANFLOOR® to wood surfaces whose moisture content is 15% or less.
- In all cases, comply with the applicable standards.
- To avoid product drying to fast do not open windows during application of LIANFLOOR®.

Surface preparation

General directions:

Surfaces must be dry, clean, free of dirt, grease and other surface contamination including previous coatings. LIANFLOOR® can only be applied to bare wood surfaces. ALL other finishes MUST be completely and thoroughly removed.

Always clean meticulously with a vacuum cleaner after each sanding, including any dust traps (skirting, radiators, pipes, window sills, etc).

Sand wooden floor using appropriate system and abrasive grades up to grit No 80 or 100 depending on condition of surface and wood species. Use an edge sander for edges, a mechanical hand sander, chisel or scraper for corners.

Apply LIANFLOOR® as per "Mixing and Application" instructions below.

Finish with finishing grade up to grit No. 120 or 150 depending on the wood species and thickness of wear layer.

If required treat new or old bare wood with TMU 84* to protect against fungal attack and blue stain prior to applying LIANFLOOR®.

Sanding grades

(change only one sanding grade at a time):

Coarse grades			Medium grades			Finishing grades			
24	30	36	40	50	60	80	100	120	150

New wood surfaces:

Degrease surface with denatured alcohol, acetone or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Previously treated surfaces (oiled or polished):

Previously oiled or polished surfaces should be dry stripped with CDKP® 90*.

After stripping degrease surface with with denatured alcohol, acetone, white (mineral) spirit or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Previously coated surfaces (varnish, paint, stain):

Remove existing finish by sanding or stripping with CDKP® 90*.

After stripping degrease surface with with denatured alcohol, acetone, white (mineral) spirit or similar solvent based product.

Prepare and sand surface as instructed in "General Directions" above.

Mixing and application

Mixing:

Use LIANFLOOR® as is. **Do not dilute with other products, including water.**

Shake LIANFLOOR® well.

Mix LIANFLOOR® and sawdust in a stainless steel bucket or directly on the floor as detailed below.

Mix 15-20% sawdust from sanding grits No 80 or 100 with LIANFLOOR® to make a smooth paste.

If after mixing the sawdust and LIANFLOOR® the mixture seems too thick, add more LIANFLOOR® to thin the mix to a smooth workable paste.

Application:

Apply mixture with spatula or filling knife working well in to joints, cracks etc.

Allow to dry.

If filler has shrunk or sunk (concave) repeat the process to build up the filler to the level of the floor. Do not sand between applications.

When dry continue sanding process from the last grit used (No 80 or 100).

Meticulously vacuum all surfaces after each sanding.

Apply desired OWATROL floor finish.

Coverage

Coverage can vary depending on the condition of the surface, the space to be filled and the number of applications.

Restrictions

Solvent based wood stains may not be used to colour the floor after using LIANFLOOR®.

Clean-up

Water.

Storage

Store away from frost and high temperatures.

General information

Every care is taken to ensure that the information provided in this technical data sheet is accurate. **OWATROL International** is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL Agent for your country.

The information above is correct at the date of issue.

All other OWATROL products named in this document should be used as per label instructions and the technical data sheet.

Safety

Keep out of the reach of children. Do not breathe vapours. Avoid contact with skin. If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label.

MSDS available at www.owatrol.pro

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* Same manufacturer