



## The TimberTect Plus® Range

### *Introduction:*

**TimberTect Plus®** is a range of specialist sealants suitable for a wide variety of timbers. The sealant produces a highly protective, wear resistant finish, whilst enhancing the natural beauty of the timber.

**A naturally beautiful finish.** The surface of the wood will be silky-smooth and the natural colour of the wood will be enhanced.

**Market leading protection.** The **TimberTect Plus** Range provides considerable resistance to most domestic spillages such as water, dirt and soaps.

**A long lasting, easily maintained, easily cleaned finish.** The **TimberTect Plus** Range is hard wearing, cleans with just a damp cloth or mop, and is simple to reapply (where needed).

**Safe to use almost anywhere.** Once properly dried, the **TimberTect Plus** Range is non-toxic and suitable for use in most locations, including hospitals and schools. It is even used to protect kitchen utensils.

### *The Range:*

The **TimberTect Plus** range consists of several grades. Choosing the correct product is simple. You need to decide upon the type of wood you have, how the wood is to be used, and the type of finish required.

#### **TimberTect Plus® - Interior**

Enhances the natural colour of most interior timbers, on floors, walls or furniture. (If your wood is a kitchen or bathroom worktop you will need a final coating of cccltd Work-Top Seal for full protection from food or soap spillage).

#### **TimberTect Plus® - White**

As protective as Standard Grade, but adapted for lighter woods, where the pale colour is to be maintained (Standard Grade will slightly darken any wood.)

#### **TimberTect Plus® - Exterior**

Base and Top Coats. Specially formulated for use outside.

#### **WorkTop Seal®**

The final coat for work tops, wall cladding and other surfaces which are exposed to heavy use and splashing from soap, food and drinks. Work-Top Seal gives added protection and is applied on top of one or two coats of **TimberTect Plus** Interior.

#### **TimberTect Plus® Extra-Fast Grade**

If timber gets wet it swells. If one side of the wood is sealed and it gets wet the back swells and the sealed side stays the same, causing the board to bend (warp). If your wood is going to be in a damp place (outside, near a sink, in the bathroom) it must be sealed on the back and sides as well to prevent warping. This Extra-Fast drying grade makes this job quick and cost effective.



## TimberTect Plus® Interior

### Before You Start:

#### Coverage:

**Hardwoods:** (oak, ash, sycamore, maple, etc.) will require two applications – an initial saturation followed by a second finishing treatment to allow for variations in surface porosity and texture.

Total usage is around 10 – 12m<sup>2</sup> / litre

**Porous woods:** (walnut, beech etc.) will require two treatments providing the initial saturation application is carried out thoroughly and the product is worked well into the wood. A third treatment may be required for complete spill-proofing. Total usage is around 6 – 10 m<sup>2</sup> / litre

**Soft woods:** (pine, cork etc.) will require at least two treatments providing the initial saturation application is carried out thoroughly and the product is worked well into the wood. A third and fourth treatment may be required for complete spill-proofing.

Total usage is around 4 – 8 m<sup>2</sup> / litre.

#### Floor preparation:

- Wood to be treated must be *sound and free from structural defects*; it should be properly conditioned before laying and application of **TimberTect Plus**.
- Fill spaces or defects with non-wax, resin-based filler.
- TimberTect Plus sealants cause less warping of boards than conventional varnishes and lacquers due to their low-stress cure system. It is advisable, however, to treat wide boards or panels, or any flooring being laid directly over concrete slabs, with a balancing treatment to the back and sides. **TimberTect Plus Extra-Fast** is particularly recommended for this purpose.
- Under-floor heating has no effect on the use of **TimberTect Plus**. Its suitability or otherwise is dependent on the type of wood being used.
- If wood is to be stained before sealing, use only spirit-based wood dyes. Do not use oil or resin-based wood stains. If wood has been bleached, the bleach must have been fully neutralized and dried for at least 4 hours before sealing.
- The floor should be soundly fixed and sanded to a smooth, scratch-free finish, using progressive sanding from coarse to fine sand-papers. Oily or kiln-dried timber will require wiping over to remove surface oils or soluble residues from the drying process. (Contact us for details.)



## **TimberTect Plus® Interior**

### **Equipment You Will Need:**

#### ***Safety Tips:***

The **TimberTect Plus®** range is easy to use and safe, as long as you follow the instructions on the next page and take the following precautions:

- Wear Gloves. Don't get the sealant on your skin; it will be very hard to get off your skin once it has dried and in rare cases it may cause a mild rash.
- Wear an 'Organic Vapour' grade mask, available at any good DIY/Hardware store.
- Keep the room you are working in well ventilated; open windows and doors. Take care not to expose other people in the same building to fumes. The smell is not harmful, but is strong. Take care to turn off re-circulating Air Conditioning units, to avoid spreading the smell throughout a building.
- Wear overalls or old clothes; **TimberTect Plus®** is hard to get out of fabric once it has dried.

#### ***Essential Safety Equipment:***

Rubber Gloves, 'Organic Vapour' face mask. Eye goggles. Overall or work clothes.

(NB: A Full Safety Data sheet is available on request.)

#### ***Recommended equipment:***

- **TimberTect Plus®** - appropriate grade (and catalyst, if fast cure required)
- Cotton rags (for wiping up spillages, overlaps etc. We can provide these for you if required).
- Paint tray or polythene bowl wide enough to take applicator / roller etc.
- **cccltd Tool Cleaner & Diluent** or other suitable solvent (xylene, cellulose thinners) for cleaning tools.
- **cccltd Sponge Applicator®**, or mohair roller, soft brush etc. for applying **TimberTect Plus®**
- Rubber squeegee (optional) for evening out (striking off) the sealant.
- Medium or fine steel wool. (optional)
- Vacuum cleaner / rubbish bags for keeping the job clean and tidy.
- Electric buffing machine. (if required)



## **TimberTect Plus® Interior**

### **Full Application Instructions:**

#### **First Coat (First Application):**

*The sealant should ideally be applied using a **cccltd Sponge Applicator®**. The amount of sealant used will depend on the porosity of the wood, but the product should be applied so that the wood is fully saturated, with more porous areas being rewetted as the sealant is absorbed as described below:*

1. Shake the can of sealant well. Pour 2-3mm of sealant into tray. Load the applicator, roller or brush liberally and wipe off surplus on side of tray.
2. Apply a liberal coat to the timber surface, working along the lengths of boards / grain to a surface area of 0.5 – 1m<sup>2</sup> at a time. If the sealant is absorbed very quickly, apply a heavier coat. (Please see note below, however, about wood that darkens greatly when wetted).
3. Return to the starting point and use the applicator, without reloading it, to work any unabsorbed sealant over the area, and particularly onto areas that have gone dry. After 10 minutes, any visibly unabsorbed sealant should be evened out over the whole area you have just worked on, using the applicator (or squeegee) leaving as even a finish as possible. This process is known as 'striking off'. (Any large pools of sealant should be moved to the next area and used to seal this new strip.)
4. Avoid leaving overlap marks as sections of the floor are treated in turn. Strike off to remove any overlapped patches using the applicator (or squeegee).
5. Continue until the whole surface has been treated, before allowing it to cure until tack-free (this will take between 4 and 8 hours, depending on the temperature).
6. If necessary the surface should be buffed with fine mesh screen, paper, abrasive nylon pads or 1-2 grade steel wool, in order to remove any dust or other debris that has settled as the sealant cures. This process is known as 'de-nibbing'.

**NB: The second coat must be applied within 24 hours of the first treatment, Especially if the floor was NOT de-nibbed.**



## **TimberTect Plus® Interior**

### **Full Application Instructions:**

#### **Second Coat (Second Application):**

*The second treatment must be applied within 24 hours. If the wood was well saturated during the first application, the second application serves mainly to even up the appearance and should be extremely light. The sealant can be applied very thinly with an almost dry applicator along the length of the boards. Overlaps or beads should then be wiped up until the surface is completely uniform.*

- If the wood seems to be absorbing the sealant on the second application, it should be applied more heavily, and spread out in the same way as the first application. The whole surface must be struck off, end to end, before the sealant is left to cure.

#### **Third and subsequent coats (Applications):**

- On very rough or uneven Timbers, or variably porous surfaces, a third treatment may be required to even up the appearance. You must wait for the sealant to dry before applying a further coat.
- A fourth treatment may be needed if you feel the wood is not sufficiently sealed after a third treatment. This will usually be due to previous under sealing or very porous/uneven surfaces.
- Sometimes several light coats can help to keep the light appearance of pale timbers and this method may be used then.

#### **Finishing:**

- If a fully matt finish is required, it is important to leave as little sealant as possible on the surface.
- If a gloss finish is required, a slight film should be left, and buffed to the required finish after the sealant has fully cured.
- Buffing should be done with an electric polisher (on floors) or by hand (for furniture, carvings, etc.) Buffing must be carried out within 24 hours of the final treatment in order to achieve the required finish.



## TimberTect Plus® Interior

### Notes:

- Curing time can be reduced significantly by the use of a catalyst. We only recommend the use of catalyst, however, by users already experienced in the application of the **TimberTect Plus®** range.
- On vertical surfaces, furniture, etc., a light treatment should be applied and wiped down with a cloth after a few minutes. A second application should be added once the piece is tack-free (2 to 4 hours later).
- On surfaces requiring significant protection such as worktops, tables, etc., we recommend that the surface is saturated during the initial application and subsequently de-nibbed before applying a light treatment of **cccltd Work-Top Seal®**. Please see separate instructions for use of **cccltd Work-Top Seal®**.

### Pale Timbers:

- Wood which darkens greatly when dampened will require an extremely light first treatment, followed by a second treatment only after the first has fully cured, in order to maintain the palest possible result. Alternatively, a whitening additive may be used: **TimberTect Plus® - White**. Please see separate instructions for its use.



## **Maintenance of surfaces treated with TimberTect Plus® Interior**

### ***Flooring (and other heavy wear surfaces):***

- Wipe up spillages immediately.
- Vacuum or soft brush dust and fine debris regularly.
- Regularly wipe over with barely damp mop and then dry mop / dry buff to clean off general dirt. Only VERY WEAK concentrations of detergent need be used. It is best to use no detergent at all.
- Wipe up grease or oil with absorbent cloth/paper etc, or wipe over with cloth moistened with white spirit to clean area fully.
- An application of sealant diluted in a 50/50 solution of approved solvent will clean and revive worn or dulled surfaces. Clean the area first, then apply the diluted sealant very lightly on a soft cloth or with an almost dry applicator.
- Severe wear can be treated by cleaning the worn area, re-applying sealant and wiping off. There is no need to re-sand unless the surface has become so worn or damaged that resurfacing is necessary.
- As with all wooden surfaces, wet mopping should be avoided.

### ***Furniture / other surfaces:***

- Wipe over with slightly damp cloth, and wipe dry.
- To remove grease or oil, wipe with cloth dampened in white sprit or alcohol to revive surfaces.

## **Health and Safety Information**

- Keep away from children
- Do not swallow
- Do not breathe fumes or vapour
- Keep off skin and eyes – in cases of eye contact, flush copiously with water and seek medical attention if irritation persists. In cases of skin contact, wash with soap and water or skin cleanser.
- In cases of ingestion, give cream or oil and seek medical attention – do not induce vomiting.
- In cases of spillage, absorb in sand or earth, saturate with water and leave for 24 hours before disposing as refuse according to local regulations.
- Do not allow to enter drains or sewers.

### **IMPORTANT**

This information is provided in good faith on the basis of field and laboratory testing. The manufacturers will use their best endeavours to provide accurate and reliable advice on the use of their products, but it is the express responsibility of the intending user to satisfy him / herself as to the suitability for use in any particular situation, as conditions of use are outside the manufacturer's control.

Materials found to be faulty in manufacture will be replaced, but no other liability, either express or implied, can be accepted.