

**TIMBERSTORE**

Protecting the Future of Timber

Use Class  
**2, 3 or 4?**

Make  
sure  
it's **4**  
Use Class 4  
GROUND CONTACT

**WPA**  
Wood Protection  
Association  
MEMBER

# TIMBER PRESERVATION

Product Guide



Crawley Branch 01342 717 155

[www.timberstore.co.uk](http://www.timberstore.co.uk)



## Timber Treatment

Timberstore Ltd. / Rowfant Sawmills site provide LOW and HIGH pressure preservative treatment services applied by an industrial process. Each Treatment plant is controlled by plant control software system, which significantly enhance quality control and data reporting around treatment operation.

Preservative pressure treatment will significantly extend the service life of construction and landscaping timbers by providing an effective long term protection against wood decay and insect attack.

## Contact Details



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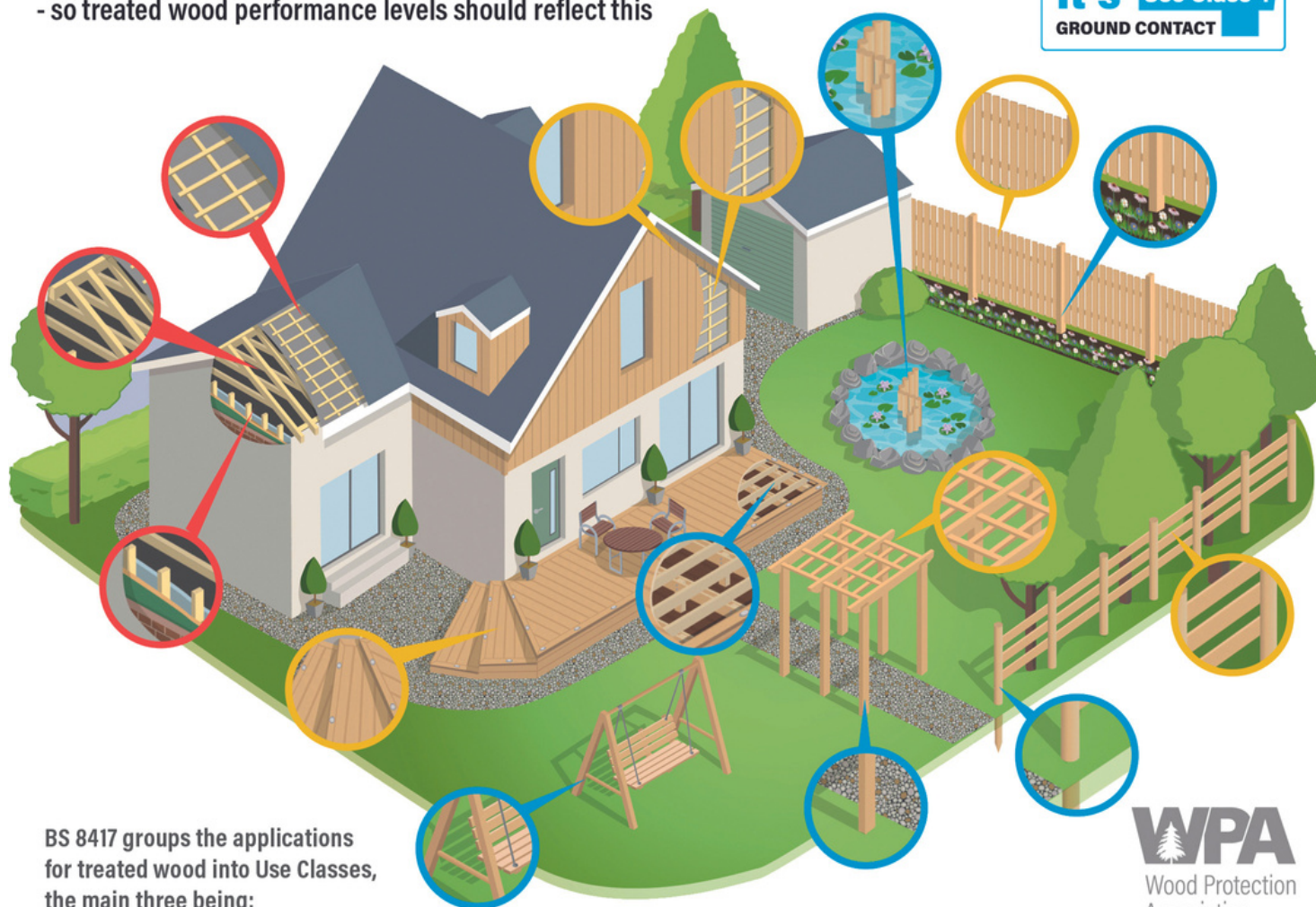


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# Use Class 2, 3 or 4?

**INTERIOR** and **EXTERIOR** environments are different  
- so treated wood performance levels should reflect this



BS 8417 groups the applications for treated wood into Use Classes, the main three being:



INTERIOR		EXTERIOR	
<b>USE CLASS 2</b>		<b>USE CLASS 3(u)</b>	<b>USE CLASS 4</b>
Above the ground or DPC, covered		Above the ground ( <i>uncoated</i> )	Ground or fresh water contact (and exterior structural support)
Internal construction timbers within the building envelope: <b>Tiling battens, framing and roof timbers, internal joists, sole plates.</b>		External construction timbers: <b>Deck boards, cladding (inc. battens) fencing panels, rails and boards.</b>	External construction timbers: <b>Fence posts, agricultural timbers, retaining walls, playground equipment, decking posts, joists and beams.</b>

- > Timber treatment preservatives are applied using criteria laid down in BS 8417
- > When specifying timber, consideration should be given to the species (natural durability).
- > Your timber treatment requirements should be specified based on your client specifications which in turn should be based on Use Class, Service Life, if appropriate, and Treatment Type.
- > **DO NOT** substitute wood that has been treated for an indoor application for use in an external application – failure is inevitable.



## LOW PRESSURE (Double Vacuum)

TREATMENT PRESERVATIVE: IMPRA®LIT TSK-40

USE CLASS: UC2 / INTERIOR USE ONLY

FLUID COLOUR: YELLOW

DESIRED SERVICE LIFE: up to 60 YEARS (INTERNAL USE ONLY)

BIOLOGICAL PROTECTION: FUNGI & INSECT

- ✓ Water based, metal-free, low pressure microemulsion wood preservative.
- ✓ Treatment preservative is applied by double-vacuum low pressure impregnation.
- ✓ Preserving timber in Internal above ground applications against wood rotting fungi, decay and insect attack.
- ✓ Impral®lit TSK-40 treated timber can be used for many different applications such as construction and structural timber, joinery, roof timbers, roof battens, timber framing or other INTERNAL timber projects that are above DPC / GROUND LEVEL.
- ✓ Timber treated for Use Class 1 & 2 should always be stored in dry condition.
- ✓ Impral®lit TSK-40 treated timber is yellow directly after treatment.
- ✓ The yellow colour is only for identification that the product is treated and can fade quickly when exposed to weathering.
- ✓ Please read important information on page 6.

**impra**<sup>®</sup>  
we care for wood



### Biocidal Product Regulation (EU 528/2012) Article 58 Information

Impral®lit TSK-40 treated wood is a 'treated article' which incorporates biocidal products.

Wood correctly treated with impral®lit TSK-40 is protected against wood destroying insects, wood rotting fungi and decay.

Contains: Propiconazole, Tebuconazole, Permethrine, IPBC, Benzalkonium chloride .



# HIGH PRESSURE

TREATMENT PRESERVATIVE: IMPRA®LIT ACQ2100

USE CLASS: UC2 / UC3 / UC4 (REDWOOD)

TREATED TIMBER COLOUR: GREEN

BIOLOGICAL PROTECTION: ROT, DECAY & INSECT ATTACK

SERVICE LIFE: DEPENT ON SPECIES, MOISTURE CONTENT & INTENDED END USE.

- ✓ Water based wood preservative that contain Copper & DDAC (didecyldimethylammoniumchloride).
- ✓ Pressure treated to force the preservative into wood structure it provides protection where it matters.
- ✓ Preserving timber against fungal decay and insect attack for internal and external timbers, in and above ground applications when treated to the correct end use specification.
- ✓ Impral®lit ACQ2100 treated timber is green in colour directly after treatment, this will evolve to a light brown colour before weathering to a natural silver grey.
- ✓ Impral®lit ACQ2100 treated timber can be used for many different applications such as decking, fencing, landscaping timbers, garden furniture, playground equipment, construction and structural timber and many more.
- ✓ Please check the table on page 3 for the correct use class and area of use.
- ✓ Please read important information on page 6.



## Biocidal Product Regulation (EU 528/2012) Article 58 Information

*Impra®lit ACQ2100 treated wood is a 'treated article' which incorporates biocidal products.*

*Wood correctly treated with impra®lit ACQ2100 is protected against wood destroying insects, wood rotting fungi and decay.*

*Contains: Copper & DDAC  
(Didecyldimethylammoniumchloride).*

# IMPORTANT INFORMATION



- *Wear gloves when working with treated wood.*
- *Wear a dust mask and goggles when cutting or sanding treated wood.*
- *When working with treated wood, precautions should be taken to keep airborne dust levels below the Workplace Exposure Limits for wood dust.*
- *Do not inhale wood dust when using cross cuts, saws or mechanical sanders.*
- *Do not use treated wood under circumstances where it may become a component of food, animal feed or beehives.*
- *Do not burn treated wood.*
- *Do not use treated wood as mulch.*
- *Treated wood should not be used where it may come into direct or indirect contact with drinking water.*
- *Treated wood should not be used where it may come into direct or indirect contact with fish or other animals sensitive to changes in their environment.*
- *If any preservative migrates from the treated wood onto the skin, wash the exposed skin area thoroughly.*



## COLOURING TREATED TIMBER

- Most paints and stains are compatible with TSK-40, ACQ1900 & ACQ2100 treated timber, however we strongly recommend applying a small amount to a test area and following the manufacturers instructions to ensure you get the results expected.

## FIXING, FASTENERS & HARDWARE

- Certain soft and poor quality metal fasteners and fixings (including nails, screws & fasteners etc) may corrode when in direct contact with wood treated with cooper based preservatives or exposed to water.
- Always follow the metal product manufacturers recommendations and if in doubt use stainless steel. Never use aluminium.

## CUTTING TREATED TIMBER

- Treated wood should not be cut or reworked as this will expose untreated wood. Any surface exposed by drilling, cutting or notching **MUST** be retreated with a cut end preservative such as Impral®lit cut end preservative.
- Failure to do this will reduce the effectiveness of the preservative.
- Cut and retreated ends must never be put in direct ground or water contact. Rip Sawing, planing & thickening are not permitted unless the wood is retreated to the original standard in an industrial treatment plant.

### Cut End Preservative



## GLUING

- Most glues and adhesives are compatible with TSK-40, ACQ1900 & ACQ 2100 treated wood. Always follow the manufacturers instructions and always ensure the wood is dry before gluing.

## MOULD GROWTH

- Mould growth can and does occur on the surface of many products, including treated and untreated wood.
- Mould growth is caused by prolonged exposure to excessive moisture conditions. To remove mould from treated wood, first allow the timber to fully dry then wash the remainder with mild soapy water.
- Mould may return if the timber is exposed to prolonged excessive moisture again.
- Whilst unpleasant to look at, mould does not destroy the structure of timber.

## DISPOSAL

- Treated wood, off-cuts, broken pieces, sawdust, shavings and any timber taken out of service must be disposed of in accordance with national and local regulations.
- For more information please contact your local authority.
- Do not burn treated timber.



Order Online



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