Barricade Ltd - Unit 6, Conway Industrial Estate, Skull House Lane, Appley Bridge, Wigan, Lancashire, WN6 9DW

Specification Sheet: Softwood Steel Framed Bin Store – FSC Softwood Cladding

Product Code: BS1.ST1



Softwood Bin Storage Enclosure

Fixing Type:	Bolt Down
Fixing Method:	200 x 200mm Welded Base Plates
Upright Post Section:	75 x 75 x 3mm SHS
Horizontal Rail Section:	50 x 50 x 3mm SHS
Frame Material:	Mild Steel
Cladding Material:	Tanalised Sawn Timber
Finish:	Hot Dipped Galvanised as Standard
Finish Options:	Powder Coating Available
Features:	2000mm Double Leaf Lockable Gates



The Softwood bin store is fabricated in our Lancashire workshop using British Steel and FSC certified, sustainably sourced timber.

Featuring a mild steel frame – galvanised to extend the lifespan to over 25 years – and clad in sustainably sourced timber cladding, the Softwood timber bin store is an environmentally low-impact, sustainable, and highly durable waste storage solution.

At Barricade Ltd, we only ever source FSC-certified timber for our construction projects.

We only ever use sustainably sourced timber or 100% recycled plastics for our bin store cladding.

MATERIALS:

We source all the materials used to construct our finished products from local companies with strict environmental & sustainability policies in place. All of our bin stores have long lifespans and use natural materials wherever possible. The Zinc coating on our steelwork ensures a lifespan of 25 years plus for our steel frames, with the timber cladding exceeding 25 years untreated, making our bin stores an extremely durable, cost-effective and environmentally responsible waste storage solution.

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STEEL:

Main Frame:

All steelwork used in the fabrication of our bin stores is responsibly sourced from British steel mills.

All of our mild steel is sourced from Barrett Steel, who have been at the forefront of the UK steel industry since 1866. Barrett Steel hold both BES 6001 & 14001 certification, ensuring all steelwork is responsibly sourced, and sustainable.

What is BES 6001?
BES 6001 is the framework standard for responsible sourcing. The construction industry is a major consumer of resources and has a large impact on the sustainability of the UK and wider world. BES 6001 demonstrates our commitment to sustainability and responsible sourcing.

What is 14001?
14001 ensures adherence to environmental laws and regulations. The 14001 standard provides a framework for managing environmental aspects like waste, pollution, and energy use. This international standard helps to reduce the environmental impact of our products.

Benefits of ISO 14001 include:

- Better environmental management reduces waste and energy use
- Competitive advantage – win new businesses, such as tenders and contracts where ISO 14001 is a requirement
- Improve efficiency
- Demonstrate compliance with environmental regulations
- Prepare for the changing business landscape confidently

TIMBER:

Tanalised Softwood Cladding:

Our Softwood cladding is FSC-Certified from sustainable forest schemes.

We only ever source FSC-certified timber for our construction projects. Our Softwood cladding is harvested from sustainably managed forests where the landscape is respected. Whenever a tree is removed, it is replaced naturally, helping maintain wooded areas for generations to come. No species is over-harvested, ensuring diversity in the forests so that the living species which rely on the trees can continue to thrive.

DELIVERY:

All goods are delivered via our carbon conscious pallet network that implements the **Return Load** policy.

What is a return load?
When a load is delivered to its destination and the goods are delivered there is then space within the truck for the return journey. In the past, the truck may well have travelled back to its depot empty, but now, logistics companies are loading a new set of goods for the return journey. This is known as a return load, and it can apply to goods that are carried by any kind of vehicle whether that be a truck, plane, van or train.

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Installation Instructions:

- Set out 75 x 75mm corner, central & gate posts according to drawing supplied. Attach 50 x 50mm rails into welded lugs using M10 x 75mm bolts to hold position. Do NOT use nuts to fix into position yet.

- Continue with the remaining rails in the same manner.

- Once frame is assembled using bolts only, square the frame both vertically and horizontally. The elongated lug holes will allow for adjustment if required.

- Once frame has been fully assembled, openings measured and squared, fix base plates to the concrete pad using M12 x 120mm through bolts. Packers can be used under the base plates should the concrete pad or padstones not be level.

- Bolt all rails into position, fixing with nuts supplied. Double check the frame is still square, adjust if required.

- The timber can now be clad to the rear, front and sides of the bin store frame using 50 x 6.3mm self-drilling screws, two screws to be used for the top and lower rails and one screw for the mid-rail. Timber boards should be equally spaced with approximately 20mm between each board. We do recommend double checking the spacing prior to installation as any adjustments made to the frame during installation may increase or decrease the size of the air gap.

- Hang each gate using the gate eyes, level accordingly and secure using the locking collars. **Gates are pre-clad.**

If you require any further assistance in the assembly of this storage compound, please do not hesitate to contact us on 01257 367 090 and we will be happy to help.

Tel: 01257 367090 **Website:** www.barricade.co.uk **Email:** info@barricade.co.uk

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Operations & Maintenance:

Bespoke Timber Bin Store – Steel Main Frame With Tanalised Softwood Timber Cladding.

Materials:
Galvanised mild steel main frame and roof frame.
Tanalised Softwood timber cladding.

General Maintenance:
The Softwood Timber Bin Store requires no ongoing maintenance to the steel frame or timber slats.

Frame:
The mild steel frame has been hot dip galvanised to the BS EN ISO 1461 standard, subject to any damage, this should last a lifetime with no maintenance required.
The door hinges will benefit from lubrication oil or spray once a month.

Timber Cladding:
The softwood timber cladding has been tanalised treated under high vacuum pressure to achieve Use Class 4 (UC4). This treatment ensures deep penetration of the wood preservative into the timber cells for a long lasting protection against fungal decay, insect attack and rotting caused by water.
Tanalised treated softwood requires very little care with no further treatment required to protect the timber.
Timber may be stained to alter the aesthetic appearance of the cladding with any future re-staining or treatment solely at the discretion of the client and dependent on products used and their preference.
Untreated timber naturally weathers attractively to a silver grey over time, this does not impede on the expected lifespan of the timber.
Splits, checks and cracks are a natural characteristic of all timber and are to be expected due to the timbers natural ability to absorb and expel moisture from its surroundings and will not shorten it's expected lifespan.
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Galvanised Coating:
The Galvanising used on the product has been processed in accordance with the requirements specified in BS EN ISO 1461:2009.
Galvanising is a hot dip chemical reaction of molten zinc onto a steel substrate. At the time of the process taking place the appearance will be one of shiny silver, however, this will not last and over a period of several weeks this will dull off to a grey colour. This is the natural finish of the Galvanised surface.

Note - due to the nature of the Galvanising process some surface irregularities may occur on the surface of finished products. Although these will be linished flat, where possible, this will not be undertaken where it may breach the zinc coating. Some visual irregularities may therefore be present on galvanised products, including those finished with a polyester powder coating – these do not compromise the durability and performance of either the product or the coatings in any way.
The cleaning of any exposed Galvanised surfaces should be undertaken using:

- A low pressure water wash e.g. hose pipe.
- A soft brush, with warm soapy water, to remove any surface dirt.

Scourers, wire brushes, and abrasive cleaners must not be used during cleaning as they may compromise the protective surface and result in premature rusting. After cleaning ensure the product is rinsed thoroughly.
Galvanising has the ability to “self-heal” any minor knocks or scratches. However, there will be occasions whereby the coating has been damaged to base steel at a size that will not allow for self healing. Based on this there are several proprietary repair paints on the market. In Barricade’s experience we have found 2 that give a satisfactory repair and finish for ongoing use. The 2 methods are either Galvafroid or Zinga with both being available in either a paste / brush application or an aerosol spray.

- Where the surface is scratched or damaged through to base steel, a check should be made to establish if rusting has occurred.
- Where rusting is present, then the area should be wire brushed / sanded to bring back to a bright steel surface.
- The system used for repair will state the required precautions that should be taken along with the application method, however, a build-up of coating should be such that the thickness will be capable of giving ongoing protection as required. The coating thickness on renovated areas should be at least 100 microns.

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