

# INVEST IN QUALITY: SAVE ON MAINTENANCE



## THIS ISN'T JUST ANY ROBINIA, THIS IS FHS ROBINIA

What makes FHS Robinia the best?

01



### RESTING

Timbers are left to rest for 3 years.

30-40% of timbers cannot be used for structural elements as they have splits in the timber.

The tops and bottom of each post is cut off to allow closer visual inspection.

A random sample is cut through completely to inspect further.

This process allows only the highest quality raw material to be used in production.

Always ask your supplier: how long they rest their timber for.

02



### REMOVAL OF SAP & BARK

As every timber is different this is a manual process.

The bark is removed using a pressure washer.

The sap layer is removed using a belt sander.

Removal of the sap layer is crucial to ensure the sustainability of the timber. If left on it will rot, become grey quickly and can create a gap between other timbers, components and foundations rendering it structurally unsound.

Not all manufacturers do this as standard!

03



### REMOVAL OF KNOTS

Knots are removed to preserve the integrity of the timber. If too large then the timber is discarded.

The knots are drilled out and then infilled with a resin and sawdust based filler.

If knots are not removed they will start seeping which is unsightly and can stain clothing.

Not all manufacturers remove the knots!

Always ask your supplier: if they remove knots from their timber.

04



### CROSS BOLTING THE TIMBERS

Cross bolting the timbers Robinia timber will split despite the processes that have been developed to minimise this risk.

The tops of all posts are drilled and two stainless steel bolts are inserted to keep the timber together. This ensures the long-term durability of the product.

The bolts are recessed into the timber and filled for a clean aesthetic.

In addition, all fixtures and fittings are recessed into the timber to ensure durability and sustainability of the products. Ask your supplier if they cross bolt the timbers and infill the recesses.

## AVERAGE ANNUAL COST - £277

Across six sites ageing from 8-11 years old, none of these sites have had any structural element replacements.

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Robinia FHS kit is gorgeous and bomb proof, no problem at all with the timber equipment from Jupiter Play. The site is on an area that experiences the worst environmental conditions and is heavily used throughout the year. Steel equipment has been more problematic for us on the site.

- William Boyd, Adur and Worthing District Council

Waterwise, Adur & Worthing seaside installation, 2010

