

**POSTSAVER®**

# Post Rot Protector **+PLUS**



**Dual-Layer** Rot Shield Technology



- ✓ Guarantees Wooden Posts For 40 Years
- ✓ Environmentally Friendly
- ✓ Great Alternative to Steel, Concrete & Plastic Composites
- ✓ Easy, High-Volume Application

# Post Rot Protector

How do rot protectors work?

Postsaver Rot Protectors use a dual-layer rot prevention barrier, which shrinks when heated, sealing the critical ground-line section. Postsaver Rot Protectors lock in preservatives, while locking out oxygen, fungi and moisture.



Locks in preservatives



The dual-layer rot prevention barrier shrinks to the post when heated, sealing the critical ground-line



Locks out oxygen, fungi and moisture at the first 6 inches/15cm of the post below ground



Dual-layer rot shield technology

The post surface beneath the outer sleeve is fully sealed by a meltable bituminous sealant.



POSTSAVER

Ground-Line

+PLUS

POSTSAVER  
POST ROT PROTECTOR +PLUS

Dual-Layer Rot Prevention Technology

The critical ground-line soil section is warmer, wetter and contains more nutrients & fungi which is why unprotected wood rots here. Rot protectors lock out moisture at this section meaning decay can't occur.

Postsaver +PLUS protects more of the post to guarantee a 40 year lifespan.

# Postsaver & The Environment

Reduces preservative loss to the ground by up to 92%

Not only does Postsaver +PLUS guarantee a long service life for UC4 treated posts, it also represents the most environmentally friendly solution, reducing CO2 emissions and preservative loss.

Material	Expected Service Life (years)	Total CO2 Emissions over 40 Years (kg)
Wood Plastic Composite (WPC)	30	24.9
Concrete	40	13.2
Steel	30	11.4
UC3	5	5.4
UC4	15	-10.4
UC4 + Postsaver	20	-13
UC4 + Postsaver +PLUS	40	-15.6

\*Lifetime CO2 emissions include CO2 emissions to manufacture and replace each product over a 40-year period. A wood post stores 22kgs of CO2 which is taken into account in the calculations. Full environmental data available on request.



Scan to access full test data & guarantee support

## Postsaver EN252 Field test 20 years field test data

In April 2000, Postsaver commissioned the Building Research Establishment (BRE) to undertake a European Standard EN252 1989 Field test to determine the relative effectiveness of wood preservative in ground contact.

### Postsaver Protected Samples



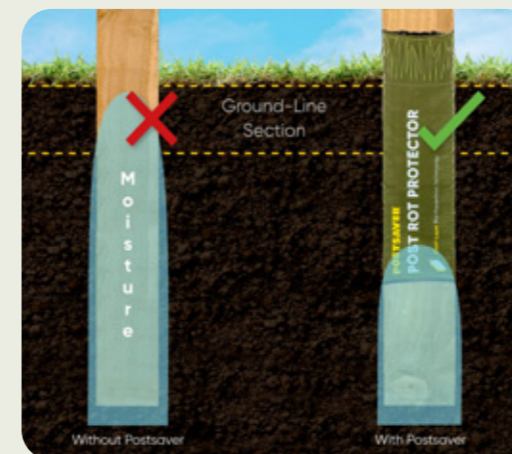
Dip treated Scots pine stakes with post rot protectors are free of decay in the sleeved zone after 20 years.

### Unprotected Samples



Half of all unprotected samples tested decayed after 8 years. At 20 years, all untreated samples had decayed.

### Moisture Absorption Test



A six month moisture absorption test confirms that Postsaver Rot Protectors prevent capillary action and lower the entry point for moisture below the critical level needed for decay. Full results are available on request.\*



Postsaver Protected Sample

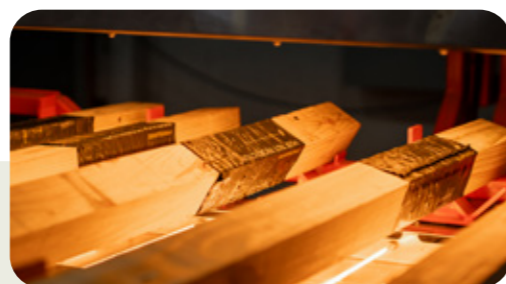


Unprotected Sample

\*See contact details on rear of booklet

## Industrial Application

For high volumes of posts we recommend investing in a PostMizer Machine. Each machine is custom built to order to suit individual requirements.



- ✓ Significant Reduction in Labour Costs
- ✓ Fits up to 360 Rot Protectors an Hour
- ✓ Custom Built to Order



Watch PostMizer in Action:



SCAN ME

## Commercial Opportunity



### Long-Term Savings with Postsaver +PLUS

Postsaver +PLUS protects fence/post replacement for the long-term with a 40-year post replacement guarantee.

Number of Posts Installed Over 40-years	Unprotected Post & Fence Replacement Cost Over 40 Years	Postsaver Protected Cost Over 40-Years (Including Sleeve Investment)
500	£66,500	£26,210
1,000	£133,000	£52,420
2,000	£266,000	£104,840
5,000	£665,000	£262,100
10,000	£1,330,000	£524,200

For less than £5 each per 100x100mm post, \*Based on an unprotected post life of 15 years at a post replacement/installation cost of £100

\*price reductions are available for larger orders.

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