

# POSTSAVER®

## POST ROT PROTECTOR

# +PLUS



DOUBLE LENGTH – Improved Protection

- ✓ 40 Year Guarantee
- ✓ Enhanced Coating System
- ✓ Effective On Damp Wood & Steel
- ✓ Designed For Commercial Use

POSTSAVER®

150mm

Ground-Line

## +PLUS

POSTSAVER®  
POST ROT PROTECTOR +PLUS

Dual-Layer Rot Prevention Technology



550mm



Rotten Post

Postsaver Protected Post



### Decay Zone

### Protected Zone

#### Unprotected Posts:

#### Postsaver +Plus:

- ✗ Over time, wood posts naturally decay
- ✗ Factors required for decay; oxygen, fungi & moisture enter the post
- ✗ Unprotected posts rot & fail

- ✓ Locks in preservative
- ✓ Locks out moisture
- ✓ Permanently excludes all factors required for decay; oxygen, moisture & fungi

Moisture

Moisture

POSTSAVER

Ground-Line

+PLUS

POSTSAVER  
POST ROT PROTECTOR +PLUS

Dual-Layer Rot Prevention Technology



## Dual-layer rot shield technology

Our Dual-layer rot shield technology is independently tested and proven to exclude all factors required for decay.

When heated during application, our inner bituminous sealant penetrates into the wood's surface to create an air and watertight seal while the outer thermoplastic shield shrinks down to form a second layer of protection.

## POST ROT PROTECTOR +PLUS

### Technical Data sheet

**Postsaver Rot Protection +Plus** is a rot prevention sleeve that's been developed for the professional specifier market where post life of 40+ years is expected. Postsaver +Plus is based on our larger, heavy duty Polesaver rot protection sleeve which has been successfully used for over 25 years to protect safety critical power and telecom poles around the world from wood decay (please see [www.polesaver.com](http://www.polesaver.com)).

Postsaver +Plus when used with UC4 water based copper wood preservative offers an excellent alternative to Creosote or C.C.A. wood preservative treatment.

Conditions for wood decay at the ground line are ideal but fall away with increasing depth below ground level **as shown on the graph below.**

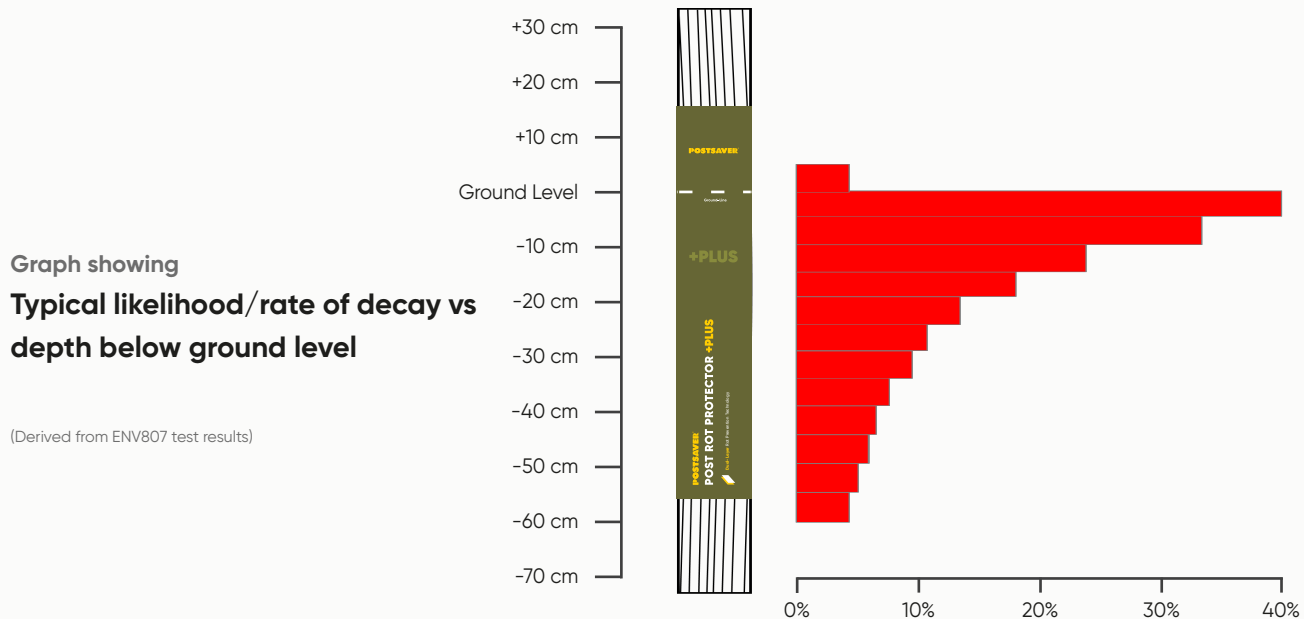
Postsaver +Plus, like the proven Polesaver product, extends deeper below ground than our standard protection, significantly reducing the likelihood of wood decay. This results in an expected post life of 40+ years on UC4 treated posts, 30 years on UC3 and 20 years when used on untreated posts in environmentally sensitive areas.

The Postsaver +Plus sleeve consists of a long-life & UV stabilised thermoplastic heat-shrinkable sleeve lined with a proprietary meltable thermoplastic sealant that's compatible with all types of wood preservative. The sleeve is heat applied to the ground-line section of wooden fence posts and fruit supports.

On heating, the inner sealant melts whilst the outer sleeve shrinks down tightly onto the post, forcing the molten sealant into intimate contact with the post surface.

On cooling, the sealant isolates the wood from the factors necessary for decay to occur including water, oxygen and wood decaying organisms whilst preventing oxidation and loss of wood preservative thus making conventional ground-line decay impossible.

Unlike wood preservatives, composite barrier sleeves maintain full effectiveness to ensure protection from wood decay that does not fade over time.



# Key Facts

Postsaver rot protection sleeves and the larger Polesaver sleeve product for utility poles ([www.polesaver.com](http://www.polesaver.com)) have been subject to extensive independent testing with excellent results. They also meet national standard requirements for ground barrier systems in North America and South Africa.

## Compliance and independent product testing as follows (test reports available on request):

- Complies with requirements of A.W.P.A. Standard P20-18, BP-. (American Wood Protection Association) ALL BARRIER PROTECTION SYSTEMS
- Complies with requirements of S.A.N.S. 1634:2021 (South African National Standards Board) Barrier protection systems for preservative treated wooden poles
- Postsaver and Polesaver rot protection sleeves are manufactured under BS ISO9001:2015 Quality management system. Certificate number GB2005417
- Tested to ENV807: 2001 Wood preservatives, Building Research Establishment (BRE) 'Determination of the effectiveness against soft rotting micro-fungi and other soil inhabiting micro-organisms' No decay in sleeved zone - 25cm below ground cover
- Tested to European Standard EN252: 2014, Building Research Establishment (BRE) 'Field test method for determining the relative protective effectiveness of a wood preservative in ground contact' 20 years field test data'. No decay in sleeved zone after 20 years, sleeve cover below ground = 25cm
- Postsaver rot protection sleeves have been proven in volume use for 25+ years in 30+ countries globally
- Postsaver +Plus is guaranteed for 40 years
- Reduces CO2 emissions by 9.46 kg per post or 5255 kg per km (over 40 years, data available on request)
- Further information available at [www.postsaver.com](http://www.postsaver.com)

## Field Test Stakes: EN252: Report Summary - 20 Years On Test

- Testing conducted by BRE (Building Research Establishment) to EN252:2014
- The un-sleeved control stakes all failed after 8 years
- The Postsaver rot protection sleeved stakes (25cm cover below ground) had no decay in sleeved zone after 20 years. Decay rating: 0 = no decay, 40 = decayed and broken
- Full test report available on request



Decay Rating at 8 Years	Decay Rating at 20 Years
20	40

The first samples failed after 8 years



Decay Rating at 8 Years	Decay Rating at 20 Years
6*	6*

\* At the tip of the stakes

The Postsaver protected samples had zero decay after 20 years