



Calders & Grandidge also offer a third party treatment option in Creosote or Celcure, enabling customers to send in their own timber for treatment



06

SLEEPER OIL

Expected Service Life

- Components in Use Class 1 & 2 60 years.
- Components in Use Class 3 15 and 30 years.
- Components in Use Class 4 15 and 30 years.

(Dependent on the particular species being treated)

What is Sleeper Oil?

Sleeper Oil is a decorative secondary timber treatment designed to enhance the appearance of timber and replicate a finish similar to that of creosote treated timber. As a decorative non-biocidal product, timber to be coated with Sleeper Oil must either be naturally durable to the level required by its application or first be impregnated with a preservative such as Celcure to provide the required level of protection against fungal decay and wood destroying insects.

Applications

As part of a high pressure preservation system, treated timber coated with Sleeper Oil is effective in all Use Class applications from UC1-UC4. Its use, in conjunction with a Celcure preservative, means however that the system is best suited to Use Class 3 and 4 applications where the risk of fungal decay and deterioration is the greatest and where the timber finish is of importance such as cladding, fencing, landscaping timbers, agricultural stakes etc. If used in conjunction with a non-preservative treated timber species (i.e. a naturally durable timber), the use of the resulting Sleeper Oil coated product is strictly limited by the inherent durability of the timber species.

Use

- Above ground, covered. Permanently dry, insect risk.
- Above ground, covered. Occasional risk of wetting.
- Above ground, coated. Exposed to frequent wetting.
- In contact with ground or fresh water. Permanently exposed to wetting.

Expected Service Life of Celcure products coated with Sleeper Oil

Formulations are applied in accordance with the current European Standards regime. The following Desired Service Life categories from BS 8417 therefore apply to Celcure products coated with Sleeper Oil.

Appearance

Sleeper Oil coated timber will initially have a dark brown / black appearance that resembles timber treated with creosote; this will weather to a dark grey colour before finally fading to a driftwood grey, after long term exposure to the sun.



Tel: 01205 358 866 | Fax: 01205 312 400
enquiries@caldersandgrandidge.com
www.caldersandgrandidge.com



By Appointment to
Her Majesty The Queen
Suppliers of Preserved Timber Fencing
Calders & Grandidge
Boston



We have a reputation as one of the oldest and most well respected names for the supply of pressure treated timber fencing



01



02



03

Creosoted timber must not be used:

- Inside buildings.
- In toys.
- In playgrounds.
- In parks, gardens and outdoor facilities where there is a risk of frequent skin contact.
- In the manufacture of garden furniture such as picnic tables.
- For the manufacture and use and any re-treatment of:

- Containers intended for growing purposes.
- Packaging that may come into contact with raw materials, intermediate or finished products destined for human and/or animal consumption.
- Other materials which may contaminate the products mentioned above.

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CELCCURE

What is Celcure?

Celcure is the brand name for a comprehensive range of innovative high pressure timber preservative systems which have been developed by Koppers Performance Chemicals. Synonymous with durability, Celcure formulations are based on unique and innovative combinations of copper and organic co-biocides to provide optimal protection against insect and fungal decay attack.

Applications

As a high pressure preservative system, the Celcure product range is effective in all Use Class applications from UC1-UC4, providing versatility with durable performance. The Celcure preservatives are however best suited to Use Class 3 and Use Class 4 applications where the risk of fungal decay and deterioration are greatest such as construction timbers, cladding, decking, fencing, landscaping timbers, agricultural stakes and utility poles.

Here at Calders and Grandidge we offer a high pressure treatment of Celcure, for external applications, both in-ground contact and out-of-ground contact e.g. fencing, gates, landscaping

timber, garden products, utility poles, decking and other outdoor projects.

Appearance

Celcure is available in either the traditional green colour or with the addition of a brown additive.

Celcure Green preserved timber will initially have a green appearance that highlights the natural variations of the wood; this will weather to an attractive natural brown colour before finally fading to a driftwood grey, after long term exposure to the sun. Celcure, with Brown additive, preserved timber will initially have a dark brown appearance which will weather to a natural brown colour before finally fading to a driftwood grey.

Use

- Above ground, coated. Exposed to frequent wetting.
- Above ground, uncoated. Exposed to frequent wetting.
- In contact with ground and fresh water. Permanently exposed to wetting.



05

Expected Service Life

- Use Class 3
15 and 30 years
- Use Class 4
15 and 30 years

- 01 Creosote treatment vessel
- 02 Creosote treated post and rail fencing
- 03 Creosote treated stakes
- 04 Green Celcure treated Birdsmouth Fencing
- 05 Green Celcure treated half round rails
- 06 Green Celcure treated landscaping sleepers dipped in Sleeper Oil

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CREOSOTE

What is Creosote?

Coal tar creosote has been in use for over 150 years and has traditionally been used as a preservative for timber products as it deters wood-destroying insects and wood-rotting fungi better than any other wood preservative on the market. Creosoting is the process of vacuum and pressure impregnation of wood with hot creosote oil. Creosote oil is a quality preservative made from the distillation from coal tar; the coal tar itself is released from the coal during the coking process as part of the high oven process during the production of steel.

Applications

Creosote oil is used in fencing timbers (agricultural stakes, equestrian fencing and for use in country parks/ estates), railway sleepers and utility poles. To ensure maximum service life is achieved, the sapwood in the timber must be fully penetrated with creosote. This can only be achieved by means of an industrial process using vacuum and pressure treatment plants such as those operated by Calders & Grandidge. You may see creosote substitutes that are aimed at the domestic retail market in some DIY stores but they do not offer the same preservative

qualities as traditional creosote. Restricted uses Creosoted timber is widely used by professionals servicing utility markets, rail infrastructure, fencing contractors and by a range of private customers for appropriate applications.

If in doubt regarding your application, our knowledgeable sales team will be happy to advise you. Expected Service life for both Use class 3 and use class 4 our creosoted fencing will be replaced after 40 years, however it is unlikely to be subject to fungal or insect attack during this time. Utility poles treated with creosote are expected to last 60 years, however some utility poles have been known to last over 100 years!

In terms of value for money, nothing compares with creosoted timber; the choice of professionals for over 150 years.

Appearance

Creosote preserved timber will initially have a dark brown appearance; this will weather to a lighter brown after long term sun exposure but will not lose its effectiveness.