

Technical Data Sheet

Date of compilation: 27/05/2021

ARC CREOKOTE DARK BROWN

DESCRIPTION

Arc Creokote is a traditional oil based wood treatment, it has similar smell, colour and properties to traditional creosote but is non-biocidal. Arc Creokote penetrates deep into the timber to reduce rot damage and forms a water repellent layer at the surface that protects from water ingress and moisture. The product is a cost-effective decorative and protective treatment for agricultural fences, barns, outbuildings, garden fences, shed exteriors, trellis and wooden posts.



Features

- Tried-and-tested formula over decades
- Alternative to creosote
- Excellent water repellency

USES

- Traditional weather protective coating for fences, sheds and trellis work
- Protection of fence posts
- Protection of wooden farm structures and buildings (stables, chicken coops etc.)
- Rustic decorative finish for railway sleepers and planters
- Allotment shuttering and wooden retaining walls (Bitumen Paint should first be applied to areas below ground).

TECHNICAL DATA

Property	Black Specs	Dark Brown Specs	Light Brown Specs
Colour	Black	Dark Brown	Light Brown
Form	Thin liquid	Thin liquid	Thin liquid
Density	0.875 g/cm ³ at 20°C	0.86 g/cm ³ at 20°C	0.84 g/cm ³ at 20°C
Shelf Life	36 months (unopened)	36 months (unopened)	36 months (unopened)
Odour	Distinctive Creosote smell	Distinctive Creosote smell	Distinctive Creosote smell
Viscosity at 25°C Brookfield DV2T Spindle 2, 100RPM	75-150cP	50-125cP	40-115cP
Flash Point	≥70°C (Closed cup)	≥70°C (Closed cup)	≥70°C (Closed cup)
VOC	Max. 412g/L	Max. 450g/L	Max. 450g/L
Drying Time	24-72 hours at 20°C	24-72 hours at 20°C	24-72 hours at 20°C
Solubility in Water	Insoluble	Insoluble	Insoluble

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APPLICATION

All timber should be structurally sound, clean, dry and free from frost, condensation and other contamination. Remove any organic growth with a stiff brush or fungicidal wash as may be necessary. Sealed or painted timbers must be stripped back to bare wood before coating with this product. This product can be directly applied to previously preserved wood or where oil based coatings such as this product or Creosote have been used. The product should not need to be thinned if recommended storage conditions have been maintained.

Coverage rate:

6–8m²/litre

The product can be applied as a single coat in most applications but further coats can be applied at end user discretion for either additional protection or a deeper colour. Apply liberally by brush before lightly brushing back over applied areas to avoid any runs or drips. Product can be spray applied or it can be used to dip coat timber in immersion tanks.

This product is best applied on mild or warm, dry days. Do not apply if it has rained in the prior 24 hours, the product should be applied to dry wood. Additionally, check the weather forecast before application, ensure no rain is forecast for at least 24 hours after the intended application. The minimum temperature for application is 5°C, it is not recommended to apply at temperatures below this as specified drying times will not be achieved. It is recommended to avoid applying the product on very hot days where temperatures are expected to exceed 25°C as the product's natural tackiness may affect workability and hinder application. For optimum results apply on a forecasted dry day between 5-25°C.

Drying time (to touch) is highly dependent on weather conditions and type of wood. Typically expect drying time to be in the range of 24 – 72 hours. Odour will continually reduce as the coating dries.

The final shade is dependent upon the type of timber being treated, its absorbency, general condition and its previous treatments hence colour variation between different timbers will always be evident. It is strongly recommended to paint a discrete, test patch area prior to full application to determine if the desired finish is achievable.

For cleaning tools or brushes use a hydrocarbon-based solvent such as White Spirit, Turpentine Substitute, Kerosene or Paraffin.

LIMITATIONS

Do not apply to garden furniture such as benches or chairs, the product contains a non-drying oil and residues may strain or tarnish clothing long after application. Do not apply to house cladding. Do not use internally, this product has a pungent smell (reduces over time), the product is for external use only where vapours are naturally ventilated. If applying to

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the inside of a farm building where animals live or rest allow at least 72 hours post-application before returning animals – the product must fully dry in order to protect livestock from harmful vapours. The product is formulated for use with soft woods. For hardwoods (Oak, Ash, Maple, Beech etc.) other treatments would be recommended. Contact the Technical Department for advice as required.

REGULATORY

All components are REACH (Reg. (EC) No 1907/2006) registered. The product does not contain any Substances of Very High Concern (SVHC).

TOXICITY AND SAFETY

Product is classified as hazardous according to the CLP Regulation (Reg. (EC) No 1272/2008). Refer to the Product Safety Data Sheet for recommended safety precautions. It is recommended the end user wear safety glasses, safety gloves and protective clothing during application.

HANDLING AND STORAGE

Store in cool, dry conditions in the original manufacturer packaging. Do not store with oxidisers. Keep stored product away from livestock and children. The product has a 36-month shelf life provided the container is unopened. If opened the product can be re-used in later applications provided it is sealed completely air-tight between uses. Longer storage times may result in bitumen falling to the base of the container, rigorous and thorough stirring is recommended prior to application.

PACK SIZE AVAILABILITY

Black - 4L, 20L • Dark Brown - 4L, 20L • Light Brown - 4L

NOTE

All products should be sold in accordance with the manufacturer's instructions. The manufacturer cannot be held responsible where conditions of use are beyond our control. Full information and advice is freely available from our Technical Services Department e-mail technical@arcbuildingproducts.ie. Whilst any information contained herein is to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents, or distributors, as the conditions of use and any labour involved are beyond our control. Our warranty is therefore limited to the quality of supplied product.