

THE SOLID FUEL ASSOCIATION

THE GUIDE TO SMOKELESS MANUFACTURED SOLID FUELS



REVISED: NOVEMBER 2024

Key to suitable applications for solid mineral fuels



Open Fires



Closed Appliances (Multi-fuel stoves & Cookers)



AGA type heat storage cookers



Gravity Feed Boilers

Bituminous House Coal

(NO LONGER SOLD IN ENGLAND)

(Scotland & Wales only)

Economically priced and very widely used for open fires.

Available in several different sizes:-

Cobbles—approximately 4" - 6" (100mm—150mm)

Trebles—approximately 1 ½ " - 2" (38mm—80mm)

Doubles—approximately 1" - 2" (25mm—50mm)



High quality approved House coal has no more than 6% ash content and no more than 2% Sulphur content.

Additional Notes: - House coal should only be used on multi-fuel stoves and cookers when recommended by the appliance manufacturer. House coal should not be burnt in smoke control areas other than on a DEFRA exempted appliance.

IMPORTANT NOTE - change has come with regard to House Coal

Since 1 May 2023, in **England** it has been illegal for businesses, including Approved Coal Merchants, to sell house coal for burning at home. However, customers in Wales and Scotland can still burn House Coal as, to date, neither of those countries have issued changes to their laws regarding House Coal usage. We understand that changes will be happening at some point. As soon as the Solid Fuel Association hears anything about the law changing in Scotland or Wales regarding House Coal usage, information will be posted on our website (solidfuel.co.uk) and on our social media sites.

Homefire Smokeless Coal

Homefire has been manufactured for over 60 years. This extremely hard and durable, hexagonal shaped briquette is particularly suited for open fires, multi-fuel stoves and roomheaters, emitting up to 80 percent less smoke, 25 percent less Carbon Dioxide and burning up to 40 percent longer than traditional house coal. Low ash and easy to bank overnight if required.

HETAS Approved Manufactured in UK



Supertherm

Supertherm is a value for money smokeless fuel, suitable for open fires, multi-fuel stoves and roomheaters. Supertherm is a large, oval shaped briquette that burns with an attractive flame, low ash and banks comfortably overnight if required. The single line across the middle of the briquette, makes it easy to identify.

HETAS Approved Manufactured in UK



Note: Supertherm may not be available in all areas.



Homefire Ecoal Smokeless Coal

The Cleaner, Greener smokeless fuel made from up to 50 percent renewable materials. Homefire Ecoal is unique, producing up to 40 percent less Carbon Dioxide and 80 percent less smoke than house coal, with no compromise on performance, making it the most environmentally friendly smokeless fuel available in the UK today. Its larger, hexagonal shape promotes airflow, making it an ideal fuel for open fires and multi-fuel stoves.

HETAS Approved Manufactured in UK



Homefire Ovals Smokeless Coal

Homefire Ovals smokeless coal is a high performance fuel with high radiant heat output and long refueling intervals making it one of the most popular fuels manufactured by Homefire Group. This Oval shaped briquette is distinguished by two parallel lines across the middle.

HETAS Approved Manufactured in UK



Homefire Brazier Smokeless Coal

Homefire Brazier is the most popular smokeless coal in the UK. Homefire Brazier's performance is comparable to many approved smokeless coals available in the UK today. Easy to light, burning with an attractive flame which gives good heat output, Homefire Brazier is a popular smokeless coal for use on open fires, multi-fuel stoves and roomheaters.

HETAS Approved Manufactured in UK



Briteflame Approved

A smokeless coal briquette for open fires, roomheaters and multi-fuel stoves. Briteflame provides a consistent, long lasting heat and very low ash.

HETAS Approved Manufactured in UK



Multiheat

Multiheat is a hard, durable briquette, which is particularly suited for use on open fires or multi-fuel stoves and closed appliances such as cookers and room heaters. Multiheat burns cleanly and economically and is favoured by consumers wanting a long lasting fire.



HETAS Approved

Manufactured in UK



Smokeless Ovoid

Approved smokeless fuels are easy to light, burn with attractive flames and excellent heat output, are long lasting and comply with UK smoke control regulations. Consequently, approved smokeless coals are very popular and now widely available in different shapes and sizes to mimic the look, feel and performance of a coal fire and to make identification of the different brands as easy as possible. Approved Smokeless Coals can be burnt in Smoke Control Areas and are recommended for use on a wide range of appliances including open fires, multi-fuel stoves, room heaters, cookers and boilers.



HETAS Approved

Manufactured in UK



Heat Smokeless

Heat Smokeless is a high heat, low ash smokeless coal for use on open fires and multi-fuel stoves, cookers and roomheaters. Ideal for consumers wanting a hot fire at a great value.

HETAS Approved Manufactured in UK



Red

Red is a Ready to Burn compliant, fully smokeless solid fuel and as with all Oxbow fuels is ideal for open fires, closed appliances and multi-fuel stoves. Red is the perfect alternative to house coal, offering a low ash clean burn.

HETAS Approved Manufactured in UK



Glow

Glow is a Ready to Burn compliant, fully smokeless briquette and as with all Oxbow fuels is ideal for open fires, closed appliances and multi-fuel stoves. Glow is a fantastic alternative to anthracite nuts and is now available all around Britain.

HETAS Approved Manufactured in UK



Excel

Excel is a premium grade Ready to Burn compliant fully smokeless fuel and as with all Oxbow fuels is ideal for use on open fires, closed appliances and multi-fuel stoves. It has been in constant use for 25 years and particularly favoured by boaters.

HETAS Approved Manufactured in UK



Phurnacite

Phurnacite is a premium smokeless coal designed for use on closed appliances such as room-heaters and cookers. Made from high quality anthracites, formed into a smaller sized briquette that packs together tightly into a dense firebed, producing a very high heat output and extended firelife.

HETAS Approved Manufactured in UK



Homeflame

110g pillow-shaped ovoid, easy to light and control and provides a high radiant heat. Low ash and burns with a lively flames. Suitable for multi-fuel appliances and open fires.

HETAS Approved Manufactured in UK



Wildfire Smokeless Coal

Wildfire Smokeless is a larger sized briquette designed to be a direct replacement for House Coal, burning with an attractive flame, high radiant heat output and low ash levels. Designed primarily as an open fire fuel, it is equally at home in a multi-fuel stove or room heater.

HETAS Approved Manufactured in UK



Stoveheat Premium/Briteheat

A reliable alternative to premium anthracite nuts. Stoveheat Premium / Briteheat is ideal for use in closed appliances including roomheaters, cookers, boilers and multi-fuel stoves, its smaller size packing together into a dense firebed that burns with an intense, glowing flame. Being manufactured it is of much more consistent quality and performance than the Anthracite it is designed to replicate.

HETAS Approved Manufactured in UK



Taybrite Smokeless Coal (sold as Surefire in Scotland)

Taybrite is a multi-purpose smokeless fuel.

Taybrite is a mid-sized briquette which means it works equally effectively in room-heaters, boilers, multi-fuel stoves and some people even use it on an open fire. In every situation Taybrite is easy to light, burns cleanly and provides long lasting, controllable heat.

HETAS Approved Manufactured in UK



Newheat

Smokeless ovoid for use on open fires, multi-fuel stoves and cookers.
Easy to light, high heat, long-lasting with low ash.

HETAS Approved Manufactured in UK



Cosyglo

Smokeless, slow burning pillow-shaped briquette.
Low in ash.
Suitable for open fires and multi-fuel stoves.



Ecobrite

Smokeless, compact briquette.
Suitable for multi-fuel stoves, cookers and room heaters. It is slow burning with low ash. The clean, regular-sized ovoids provide long-lasting and controllable heat.



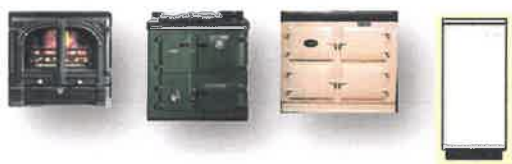
Anthracite

Naturally occurring smokeless fuel distinguishable from House coal by its slightly more shiny metallic surface.

Available in a variety of convenient sizes, anthracite is a dense, slow burning fuel giving a sustained high heat output.

Large nuts (50-69mm) and small nuts (22-45mm) are suitable for stoves, multi-fuel stoves and cookers including AGAs.

Beans (10-22mm) and Grains (5-15mm) are suitable for gravity-feed boilers.



IMPORTANT NOTE

Smokeless mineral fuels are highly suitable for use on multi-fuel appliances but should not be used on an appliance which has been designed solely for wood burning.

For information on wood fuel, please see our publication “The Solid Fuel Association Guide to Wood and Multi-Fuel”.

Every manufactured smokeless fuel (MSF) in this brochure is classed as Ready to Burn and is easily recognisable by this logo on websites and packaging.



They each have their own individual MSF Certification Number which confirms that the fuel meets emission requirements.

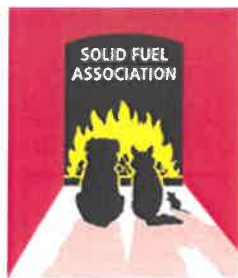
PLEASE NOTE

The fuels described in this brochure may not be available everywhere in the UK.

Please speak to your local Approved Coal Merchant who can advise you on the availability of a product in your area. If you need to find an approved solid fuel merchant, please contact the Solid Fuel Association on **01773 835400** who will be happy to find one in your location.

Also, we would suggest that it is wise to try a small amount of any new fuel when you make a change to be perfectly sure that you are happy with it. This will ensure that you don't end up with a costly mistake and a bunker full of fuel that you don't like!





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**ALWAYS BUY YOUR SOLID FUEL FROM AN
APPROVED COAL MERCHANT**

LOOK FOR THIS SIGN TO ENSURE THAT YOU WILL RECEIVE QUALITY FUEL



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