

SOLID MINERAL FUELS



This section should be read in conjunction with *Part 1 - Appliances Burning Solid Mineral Fuels & Wood*. To ensure satisfactory performance of domestic solid fuel appliances it is important to use fuels that are of a suitable type and size.

The solid mineral fuels listed below have been tested and approved by HETAS on behalf of the fuel producer. The testing and approval combined with a quality assurance scheme enables the fuel to carry the *HETAS Approved Solid Fuel* logo (above) for which the customer should look. Petroleum coke is not recommended by HETAS for use on solid fuel burning appliances because its use can result in serious damage to grates and other appliance components in the fuel bed area.

However, a number of products which contain petroleum coke or are blends of petroleum coke with other fuels have been tested and approved. For these fuels approval is conditional on the manufacturer applying and maintaining stringent product control. Some appliance manufacturers restrict the use of these fuels to appliances with high chrome or chrome steel bottom grates, which may be supplied as an optional extra. Refer to manufacturers instructions for additional advice.

TESTING AND APPROVAL

Fuels are tested according to a standard test procedure using a standard test appliance (Ref HETAS – Form 7B - A Guide To Methods Of Test And Standards Of Performance for Domestic Solid Mineral Fuels And Firelighters). Variations exist depending on the type of fuel and the approval being sought.

A range of performance criteria are considered when making an assessment for approval. These are based on both quantitative and qualitative assessments which are intended to verify that only fuels which provide a good overall performance and are safe to use become approved fuels. The intention is that fuel users can choose a fuel which is fit for their intended needs.

For closed appliance fuels, the measured parameters ensure ease of lighting, heat output and sustainability of useful heat output, together with controllability. Good residue/ashes characteristics which minimise waste are also considered. Qualitative assessments are used to indicate any window staining, smell, general fire appearance and any other considerations which might affect safety or convenience in use.

For open fire fuels, the ease of ignition and the radiant heat generated is measured as well as the required frequency of refuelling. Ash residue characteristics are checked to ensure waste is minimised. Qualitative assessments are used to indicate, smell, general fire appearance and any other considerations which might affect safety or convenience in use.

Gravity feed boilers require specialised small sized anthracite fuels. Measurements are made to ensure ease of lighting, a good heat output sustained over at least 9 hours and controllability. The ashes are checked for good clinking characteristics, which are essential for the proper functioning of the appliance.

All fuels are subject to an analytical test which ensures the sulphur content is below 2%, ash content levels are not too high and the volatile matter levels are consistent with the fuels intended use. High volatile fuels not being recommended for use in closed appliances.

THE APPROVED COAL MERCHANTS SCHEME

The Approved Coal Merchants Scheme (ACMS) is the body recognised by Trading Standards as the regulator for the coal trade. Members are fully trained and are committed to serving the customer. All Approved Coal Merchants have agreed to abide by the Coal Trade Code which has the following principles as a basis for honest and fair trading:

- Supply good quality Coal and Smokeless Fuel correctly described
- Ensure that packed fuels are marked with maximum information
- Ensure staff have a basic knowledge of the Retail Coal Trade
- Supply suitable fuels for particular appliances
- Investigate all consumer complaints properly
- Display a detailed and up to date price list






The Scheme is funded by the coal industry but has an Independent Chairman and area panels to help resolve consumer complaints. Approved Coal Merchants display the blue and red logo on their delivery tickets and vehicles.




The HETAS Guide ensures that members of the ACMS can advise their customers correctly on which fuels are suitable for their appliance. It is an integral part of the Home Study Course available to all merchants and their staff.



MANUFACTURED SMOKELESS FUELS AUTHORISED BY DEFRA FOR USE IN SMOKE CONTROL AREAS

Solid Mineral Fuels
Manufactured Smokeless Fuels



 Arigna Fuels Ltd Arigna, Carrick on Shannon, Co.Roscommon, Ireland 00 353 7196 46002 infor@arignafuels.ie www.arignafuels.ie			
Ecobrite	FLB001	Approved for Closed Appliances	
Cosyglo	FLB036	Approved for Open Fires	




 CPL Industries Western Access Road, Immingham Dock, Immingham, North East Lincolnshire, DN40 2QR 0345 450 1474 feedback@cplindustries.co.uk www.coals2u.co.uk			
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Homefire	FLB002	Approved for Closed Appliances and Open Fires	
Homefire Ovals	FLB003	Approved for Closed Appliances and Open Fires	
Phurnacite	FLB004	Approved for Closed Appliances	
Ancit	FLB005	Approved for Closed Appliances	
Taybrite Surefire	FLB006 FLB042	Approved for Closed Appliances	
Supertherm II	FLB007	Approved for Closed Appliances and Open Fires	
Multiheat Brazier Smokeless No. 5 Aldi Winter Flame Smokeless	FLB008 FLB039 FLB040 FLB041	Approved for Closed Appliances and Open Fires	
Briteheat Stoveheat Premium	FLB009 FLB010	Approved for Closed Appliances	
Ecoal 50	FLB025	Approved for Closed Appliances and Open Fires	
Firegold	FLB035	Approved for Closed Appliances and Open Fires	
Dual	FLB037	Approved for Closed Appliances and Open Fires	

 EU Zeme Ltd. Lacplesa street 48/50 – 19, Riga, Latvia +371 67220052 info@euzeme.lv www.euzeme.lv			
Hot Drops	FLB024	Approved for Closed Appliances	



 Hargreaves Production & Distribution Division 6 Appleton Court, Calder Park, Wakefield, WF2 7AR 07900 137653 darran.bown@hsgplc.co.uk www.hsgplc.co.uk			
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Sunbrite Doubles	FLB020	Approved for Closed Appliances	
Cosycoke	FLB021	Approved for Closed Appliances and Open Fires	

 HouseFuel Mickering Lane, Aughton, Lancashire, L39 6SR 01695 425 034 info@housefuel.co.uk www.housefuel.co.uk			
Housefuel	FLB026	Approved for Closed Appliances and Open Fires	
Burnrite	FLB031	Approved for Closed Appliances and Open Fires	

 M & G Solid Fuels Sandgate Ind. Estate, Mainsforth Terrace, Hartlepool, TS25 1TZ 01429 868748 enquiries@mgfuels.co.uk www.mgsolidfuels.co.uk			
Newburn	FLB028	Approved for Closed Appliances and Open Fires	

 <p>Maxibrite Ltd Mwyndy Cross Ind Estate, Llantrisant, Mid Glamorgan, South Wales, CF72 8PN</p> <p>01443 224283 sales@maxibrite.co.uk www.maxibrite.co.uk</p>			
Maxibrite	FLB012	Approved for Closed Appliances	
Newflame Plus	FLB014	Approved for Closed Appliances and Open Fires	
Therma/Calero	FLB017	Approved for Closed Appliances	
Extracite	FLB019	Approved for Closed Appliances	
Homeflame	FLB038	Approved for Closed Appliances and Open Fires	

 <p>OU Profit Capital Pae 21, Tallinn, Harju maakond 11415, Estonia</p> <p>+372 58494465 reddropsfuel@gmail.com</p>			
Red Drops	FLB034	Approved for Closed Appliances	

 <p>Oxbow Coal Ltd Southern Way, Immingham Dock, Immingham, North East Lincolnshire, DN40 2NX</p> <p>01469 577635 immingham@oxbow.com www.oxbowcoal.com</p>			
Excel	FLB023	Approved for Closed Appliances and Open Fires	
Newheat	FLB030	Approved for Closed Appliances and Open Fires	

Solid Mineral Fuels
Manufactured Smokeless Fuels

NATURAL SMOKELESS FUELS AUTHORISED BY DEFRA FOR USE IN SMOKE CONTROL AREAS



The following named natural smokeless fuels have achieved a high standard in performance tests for closed appliance fuels conducted by HETAS, and are generally approved as closed appliance fuels. To ensure safe operation when using Anthracite Small Nuts on closed appliances, such as room heaters, it is necessary to make sure that high proportions of undersize fuel and fines are not fed onto the firebed. The user should also consult the Appliance Manufacturer's operating instructions regarding the use of this size of fuel for his specific appliance.

 <p>Celtic Energy Ltd 9 Beddau Way, Castlegate Business Park, Caerphilly, Mid Glamorgan, CF83 2AX</p> <p>07540 643483 info@coal.com www.coal.com</p>			
Black Diamond Beans	FLC001	Approved for Gravity Feed Boilers	
Black Diamond Grains	FLC002	Approved for Gravity Feed Boilers	
Onllwyn Group 1 Large Nuts	FLC003	Approved for Closed Appliances	
Onllwyn Group 1 Small nuts	FLC004	Approved for Closed Appliances	
Onllwyn Group 1 Grains	FLC005	Approved for Gravity Feed Boilers	
Onllwyn Group 1 Beans	FLC006	Approved for Gravity Feed Boilers	
Black Diamond Large Nuts	FLC007	Approved for Closed Appliances	
Black Diamond Small Nuts	FLC008	Approved for Closed Appliances	

Solid Mineral Fuels
Approved Firelighters

APPROVED FIRELIGHTERS

Ease of lighting solid fuel fires is an important factor for consumers. HETAS has developed a standardised method by which firelighters can be assessed for their performance when igniting a solid fuel fire to achieve an established and bright fire from a cold start within an acceptable time period. Firelighters that are able to achieve the levels of performance required are listed below and the manufacturers are entitled to display the HETAS Approved Product Logo. It is important for safety reasons to abide by the manufacturer's instructions at all times when using these products.

 <p>Grenadier Firelighters Unit 3C Barrowmore Enterprise Estate, Great Barrow, Chester, CH3 7JS</p> <p>+44 (0) 1829 741649 sales@grenadier.co.uk www.grenadier.co.uk</p>			
Grenadier Electric Firelighter	FLF0025	Results of tests indicate performance classified as excellent	

 <p>Standard Brands Ireland Ltd. Castlebellingham, County Louth, Ireland</p> <p>00353 (0)42 9372140 enquiries@standard-brands.com www.standardbrands.com</p>			
Zip Quickstart	FLF0026	Results of tests indicate performance classified as excellent	
Zip high performance energy	FLF0027	Results of tests indicate performance classified as excellent	
Zip fast and clean	FLF0028	Results of tests indicate performance classified as good	
Sunny Jim big value	FLF0029	Results of tests indicate performance classified as good	
Sunny Jim big value wrapped	FLF0030	Results of tests indicate performance classified as excellent	