

BREEDONEnriched IS SUITABLE FOR FARM ROADS, FOOTPATHS, CYCLE PATHS, BRIDLEWAYS AND HOUSING DEVELOPMENT ROADS. DUE TO ITS HIGH BINDER CONTENT, BREEDONEnriched IS MORE DURABLE THAN STANDARD DENSE AND CLOSE GRADED MIXES AND IS RECOMMENDED FOR SMALLER, RESTRICTED AREAS AND WHERE HAND LAYING IS INVOLVED.

APPLICATIONS

- Parking areas
- Farm roads
- Footpaths
- Cycle paths
- Bridleways
- Housing development roads

TECHNICAL DATA

The high binder content (typically 0.5% above 'standard' Asphalt Concretes) makes BREEDONEnriched a 'low risk' product when laid (particularly during winter).

As well as being appropriate for hand lay work, BREEDONEnriched binder course is particularly suited for housing developments and sites where it will be exposed for a period of time and directly trafficked.

CONSTRUCTION

BREEDONEnriched is available in six sizes, with the nominal and minimum compacted layer thicknesses as follows:

Largest Nominal Aggregate Size (mm)	Nominal Layer Thickness (mm)	Minimum Thickness at Any Point (mm)
4	15 - 25	10
6	20 - 30	15
10	30 - 40	25
14	40 - 55	35
20	50 - 100	40
32	70 - 150	55

Cationic tack or bond coats should be used between layers and allowed to fully 'break' (i.e. turn from brown to black). Installation is completed in accordance with the general requirements of BS 594987.

Continues overleaf



BENEFITS

- More durable than 'standard' Asphalt Concretes.
- Quiet and medium textured running surface.
- Binder course can be exposed to traffic.
- Easily hand worked.
- Minimal maintenance required.
- Surface courses available as coloured materials.

MAINTENANCE AND REPAIR

- The surface should not be trafficked for at least 24 hours after installation (longer in periods of hot weather).
- If applicable, and wherever possible, vehicles shall be moving when the wheels are turned.
- If practicable, any vehicles shall be parked in different positions.
- Heavy vehicles, trailers, caravans and ladders with small footprints should be parked on wooden boards to disperse the loading.
- Fuel spillages should be removed immediately (sand, sorbents such as cat litter, oil absorbent pads and spill kits can be useful for this task).
- Any loose aggregate particles should be brushed and removed from the surface to prevent abrasion.

Major repairs

Any damaged areas shall be removed by planing to the appropriate depth to provide a minimum length of 15m for paver resurfacing. The planed area will be resurfaced using material to the same specification.

Minor repairs

- Minor repairs can be carried out by cutting out the damaged section and replacing it with a material of suitable specification.
- A K1-40 (C40 B 4) or K1-60 (C60 B 4) tack coat, or an acceptable proprietary bond coat, will be used on the receiving substrate.
- Wherever possible, a diamond patch reinstatement shall be used, extending a minimum of 0.25m beyond the damaged section.
- Joints must be saw cut vertical, cleaned and painted with a thick uniform coating of hot bitumen, hot elastomeric polymer modified bituminous binder, or cold applied thixotropic bituminous compound prior to laying.

WHY CHOOSE BREEDON PROPRIETARY MATERIALS?

The Proprietary Materials offered by Breedon are extensively designed and rigorously tested to exceed the performances of traditionally used asphalts in specific applications. Our Proprietary Materials often include additives to achieve these high levels of operation.

PRECAUTIONS AND LIMITATIONS

Asphalt remains relatively soft for up to one year after laying; until it has time to oxidise and harden (i.e. elasticity is reduced). It is recommended that the surface is not trafficked for at least 24 hours following installation, when it is most susceptible to damage. When trafficked by vehicles, it is recommended that they are moving when the wheels are turned. If a vehicle is stationary when tyres are turned (particularly with modern power steering), the asphalt can be displaced and marked by stresses applied at that particular point.

It is also recommended that (wherever possible) vehicles are parked in different positions to avoid marking the asphalt, and heavy vehicles, trailers, plant, machinery and ladders with small footprints are parked on wooden boards to disperse the loading. Fuel spillages should also be contained and cleaned up as soon as possible as these will compromise durability. Recommended procedure for removing diesel spillages is as follows:

- Stem the leak.
- If necessary, contain the spillage by deploying booms around the source and block any drains.
- Apply absorbent granules (e.g. cat litter) or sand to the spillage area.
- Sweep up the absorbent granules and dispose of in accordance with environmental regulations.
- Scrub the surface using a mild detergent. Any effluent resulting from the clean-up activity must not be washed into surface water drains as it is an offence under the Water Resources Act 1991.

**QUANTITY REQUIRED**

As a guide, please refer to the Material Calculator on our website (www.breedongroup.com).

AVAILABILITY

BREEDONEnriched may be laid all year round (depending on climatic conditions). Installation of this product can be completed by Breedon or experienced Contractors using conventional paving equipment.

TO DISCUSS YOUR PROJECT REQUIREMENTS, AND FOR MORE INFORMATION ABOUT OUR PRODUCTS CONTACT:

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The information given in this technical datasheet is based on our current knowledge and is intended to provide general notes on our products and their uses. Breedon Group plc endeavours to ensure that the information given is accurate but accept no liability for its use or its suitability for a particular application because of the product being used by the third party without our supervision.

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