

Environmental Performance Statement

For

Proposed New Factory

At

**Plot 2, Harts Farm Way,
Havant PO9 1FA**

For Ahmarra

11th January 2018

The Building, Construction & Sustainability of Materials

The proposed new building will be heated by a biomass boiler predominantly using chipped waste wood from the production of Ahmarra's doors. There are no proposals to cool the building in hot weather other than by natural ventilation.

The new building will be insulated to current Building Regulations standards for non-domestic buildings.

Low energy LED lighting systems will be used in all areas with light sensor switching.

Any appliances to be installed within the office/toilet areas will be 'A' rated in performance and energy saving.

There will be a solar PV array fitted to the southern facing roof of the new building. It is proposed that the panels will produce at least 15% of the estimated annual kilowatt hours the factory will use.

The 'Kingspan' insulated roof and wall panels specified on the drawings are marketed as Ecosafe environmentally friendly and Kingspan will recycle all panels with zero waste to landfill. The Kingspan insulated panel has a guaranteed lifespan of up to 40 years.

The following materials to be used in the build are also fully recyclable;

Steel frame and cold rolled steel purlins and cladding rails, nuts, bolts, other metal fixings, steel flashings and trims, steel gutters and downpipes, steel doors, aluminium glazing frames, glass, brickwork, blockwork and concrete floors, plastic above and below ground pipework, timbers (all from sustainable sources), building boards, electrical wiring and conduit.

All paints will be water based.

The existing concrete areas will be broken up and crushed on site and thereafter used as a hardcore base for the new floors.

Priority, within reason, will be given to 'local' builder's merchants, quarries and concrete plants etc. thereby reducing transport costs and reducing emissions.

All sanitary ware will comply with building regulations part G (water efficiency).

Ref. 1802.11