

ENVIRONMENT & SUSTAINABILITY

ENVIRONMENTAL POLICY STATEMENT

It is the policy of Westcoast Windows to carry out all aspects of the Company's activities in an environmentally and ecologically sustainable manner.

In keeping with this policy, our objective is to minimise waste, emissions and the consumption of resources, to avoid pollution and to meet or exceed all regulatory, legislative and other environmental initiatives that are applicable to our operations.

In order to monitor performance, Westcoast Windows sets out and regularly reviews quantitative targets for the achievements of its environmental objectives and embraces the principle of continuous improvement.

Westcoast Windows' procedures are independently audited and certified in accordance with EN ISO 14001:2004 Environmental Management System.

SUPPLY CHAIN

All principle component suppliers are assessed and monitored to ensure that they always comply with the Company's minimum environmental, quality, health, safety and wellbeing standards, all of which are publicly available.

• Wood components

Only PEFC (the Programme for the Endorsement of Forest Certification) timber is used to construct Westcoast window and door products. This chain of custody scheme audits and certifies that our wood components are sourced from sustainably managed forests.

Frame and sash profiles utilise laminated timber sections in order to reduce waste and improve dimensional stability of the finished product whilst the composite construction eliminates the requirement for the use of impregnated timber and therefore no harmful chemicals are involved in the manufacturing process.

Only water based paints and stains are applied to finish timber surfaces.

• Aluminium Components

External aluminium extrusions provide very significant additional strength and robustness to the overall construction of our products. They also significantly reduce maintenance requirements and extend the anticipated service life to over 50 years; thereby reducing life cycle costs.

Aluminium extrusions are manufactured from a minimum content of 15% recycled material and are 100% recyclable at the end of their service life as they contain no thermal break components.

• Glass Components

The double and triple glazed sealed units installed in Westcoast windows and doors are supplied with the latest high performance low emissivity coatings, argon gas filling and composite insulated super spacers for maximum thermal insulation performance.

Harmful heavy gases such as SF₆ are never used in our products.

PRODUCTION

Westcoast Windows' manufacturing facilities are based in the city of Trollhättan, located on the West coast of Sweden. Residents and industry alike benefit from many years of investment in sustainable energy technology that provides heat and power to the whole community.

Fjarr Varme, or district heating is a system that recovers excess energy from industrial activities which is recycled and complemented with local biomass production to heat the whole city. Westcoast Windows' waste timber contributes to this renewable energy source.

Power generation is principally from Trollhättan's own hydro-electricity plant, supplemented by local wind farm and solar energy sources with occasional nuclear support at times of exceptional demand.

PERFORMANCE

Westcoast Windows' products are designed and manufactured to exceed all contemporary standards, particularly that of thermal insulation.

The entry level whole window u-value is 1.4W/m²K for double glazed products but we manufacture triple glazed windows and doors to achieve u-values of less than 0.8 W/m²K in accordance with EN ISO 10077-2:2012

BRE GREEN GUIDE

Westcoast window products are classified under the description of Element number 1231500010 for fixed glazing and 1231500005 for opening lights, both having a Summary rating of B

CODE FOR SUSTAINABLE HOMES

Westcoast window products can be specified for 'zero carbon' developments that are required to achieve Code level 6.

SECURED BY DESIGN

All principle Westcoast Window products have been tested to comply with PAS 24 : 2016 and the Company is a Secured by Design licence holder.

SERVICE LIFE

Westcoast Window products are suitable for a typical building life of 50 years provided inspection, recording and maintenance of the windows and doors are all properly carried out in accordance with our operation and maintenance instructions.

ACCREDITATIONS

Our accreditations are on the following pages.