

## Princess Yachts

The world's first Corus Confidex Sustain® CarbonNeutral building envelope



***A factory now being used by Princess Yachts in Plymouth is the first completed project to register for Corus Confidex Sustain® and receive certification that the building benefits from the world's first cradle to cradle CarbonNeutral building envelope.***

The building envelope comprising of CA Building Products Twin-Therm® roof and wall cladding system – profiled from Corus Colorcoat HPS200® pre-finished steel, was installed by Jade Aden Services Ltd Building on the success of the Confidex® Guarantee, Confidex Sustain® offers a zero carbon building system. Importantly Confidex Sustain® will offset the impact from the entire building envelope system rather than just one element. Confidex Sustain® offers the first CarbonNeutral building envelope in the world measuring and offsetting its impact from cradle to grave

i.e. manufacture through to installation, use and end of life.

Initially a greenhouse gas emissions assessment

is carried out to establish a baseline



Colorcoat HPS200, Confidex, Confidex Sustain are trademarks of Corus



carbon dioxide emission figure for the planned building. Next, cost effective ways to reduce CO<sub>2</sub> levels are proposed and finally global schemes to balance the remaining emissions are developed.

Adrian Mitchell of Mitchell Architects specified the project and oversaw the installation of 3,300m<sup>2</sup> of cladding 5,300m<sup>2</sup> of roofing. He said: "Twin-Therm® was specified for the Princess Yachts site at Plymouth to ensure minimal CO<sub>2</sub> output throughout the life of the building, thanks to its market leading insulation and

airtightness properties. Confidex Sustain® by Corus compliments these considerations perfectly."

The Project at Langage Park, Plymouth, which was completed in June 2007, is being used as a manufacturing unit by Princess, a producer of luxury boats and yachts. The new building is the largest of three on the site.