

## NACO LOUVRES PROVIDE NATURAL LIGHT FOR EVELINA

**N**aco's innovative Weather-beta range of glass louvres has provided a "natural" solution to ventilation and lighting at the new £60 million Evelina Childrens' Hospital on the banks of the Thames.

The inherent versatility of the Weatherbeta range makes a perfect partner in the current trend towards natural ventilation systems. At the Evelina the basic unit design has been specially adapted to meet two quite distinct applications.

In all over £120k's worth of Naco Louvres has been supplied to the Evelina, which is due to open in October this year.

The brand new 140-bed Evelina Hospital on the St Thomas's site in Lambeth brings all of Guy's and St Thomas's childrens' inpatient services under one roof. One of the finest specialist units of its kind in the world the Evelina has been designed by Hopkins Architects to be "a hospital that does not feel like a hospital".

### Access all areas

One of the key reasons for the lack of a traditional hospital feel at the new Evelina is the extensive use of glazing to give natural daylight access to almost all areas.

Naco Weatherbeta D. G 24 Double Glazed Louvre units have been "glazed" into the curtain walling system. Units are equipped with actuator motors and are linked into the BMS. According to the time of year operators can set the system to automatically regulate opening and closing of the louvres to meet the varying ventilation requirements, while still permitting available daylight to enter the building.

### Insulated blades

Elsewhere at the Evelina, Naco Weatherbeta Louvres designed for manual operation are used to ventilate storage areas. Since natural lighting is not so crucial in these areas, the glass blades of the louvres have been replaced with blades of special insulation material to comply with the specified overall "U" values in the closed position.

A number of these special Naco units have also been fitted with an approved "Fireman's Lock". This mechanism ensures that the louvres can only be opened by a fireman, or other authorised person. All of these louvre frames and insulated sections were finished at the Naco factory in metallic silver.

