



Wheatfield prison

Clondalkin West Dublin | Ireland | Realised by: Williaam Cox Ireland Ltd

The SHEV system allows evacuations in the event of fire

Task: create a SHEV safe and pleasant ambient climate

Wheatfield prison in Clondalkin, West Dublin badly needed a new wing added to the existing complex due to chronic shortage of space. This prison houses more than 200 inmates and has a permanent presence of a large number of personnel. Any evacuations need to run safely in the event of fire. With this in mind, an SHEV system could be the only option. If the SHEV system could also be used for the daily ventilation this would be an enormous advantage for the prison.



Solution: a combination of louvred ventilators and air supply systems

• SHEV system

51 translucent Eura louvred ventilators were installed in the rooflights. 8 translucent Estra air supply systems were installed in the gables. This SHEV system ensures a fast and efficient smoke clearance in the event of a fire. This allows any people present to escape safely. The spread of the fire is reduced, which is also of great benefit to the Fire Department when tackling such an incident. The ventilators can also be used for daily ventilation.

Convincing

William Cox convinced both the client and the architect as to the quality of this solution. Brakel's expertise and the first-class technical information they provided added weight to the case.

"Both the client and architect were convinced of this fire safety solution."

Result

The client is highly satisfied with this fire safety solution. He also speaks very highly of the professionalism and the help offered by his contact person. The in-house training supplied also appears to have been very useful.

Success factors

- Quality products supported with first-class technical documentation.
- Expertise and customer orientated support.
- SHEV system in combination with ventilation.



info@brakel.com



www.brakel.com

