

Cl/SfB 125	(2-)	(W7)
Common Arrangement C40/J30/J31/P22		

Project: New Glass
Title: Vivaldi Building, Holland
Date: 2006

The 23 storey-high Vivaldi office block is currently in construction in Amsterdam. The appearance of the building is determined by a distinctive diagrid (diagonal grid) that ensures the tower is easily recognised on the drive into Amsterdam. On completion of the building, the principal tenants will be Ernst & Young, the major international accounting and consulting firm.

This building utilises a series of environmentally progressive measures and is 10% more energy efficient than current Dutch requirements. For example, the Vivaldi building features a zero emission heating and cooling system using geothermal power. In addition, ClearShield-protected glass will ensure that all glazing retains its high photometric properties by remaining resistant to staining and weathering, despite the building's busy urban location. Cleaning time and costs will also be reduced, without the need for harsh chemicals to keep the glass in pristine condition. But ClearShield will give benefits well before the completion of the building.



Some 15,000m² of glass in total will be protected with ClearShield



During construction, splatter from concrete, plaster and mortar, cement dust and other construction materials stain unprotected glass and are difficult or even impossible to remove. This is a particular problem for building contractors and glass replacement may be the only option. However, this is costly in terms of both time and money. ClearShield significantly helps to reduce the possibility of this occurring because any contaminants on the glass are easier to remove compared to ordinary, unprotected glass. The benefits that ClearShield brings of course apply both during and after the construction phase.

The application of ClearShield will be carried out in Bohle ClearShield's application centre, based in Raamsdonksveer in Holland. Approximately 10,000m² of solar controlled glass and 5,000m² of tempered glass panels will be protected with ClearShield.