



## Structural

### Profilit™



# A practical, durable solution for walls and facades

## Description

**Profilit™** is a self-supporting glazing system of U-shaped profiled glass and is supplied as a glass and framing system for facades and internal partitions. This highly durable product allows diffused light to enter the building while presenting a translucent external appearance. Profilit can be installed as a single wall, or a double wall for additional sound and thermal insulation. The joints between the panels can be configured vertically or horizontally.

## Product details

The channels are manufactured in single lengths of 3.0m to 5.8m. Depending on windload, they can span up to 3.05m in single or 4.35m in double configuration between supports. Please consult with Viridian Technical Consultants for details on spans and safety requirements. The appearance of the glass presents a subtle texture providing light diffusion and privacy. The joints between the panels are silicone sealed.

### For example: Profilit K25

- ◆ Dimensions – width 262mm, flange 41mm
- ◆ Light transmission – single shell 86%, double shell 75%
- ◆ Insulation U Value – single shell 5.6, double shell 2.8
- ◆ Sound transmission – single shell 22dB, double shell 38dB

## Applications

- ◆ Facades
- ◆ Interior partitions

## Maximum length

- ◆ 5.8m

