

# Regel-air® FORTE tender documents

## Window vent system for high air volumes

### Structural requirements for home ventilation

① **To regulate the relative moisture in the house or apartment and improve room hygiene, provision must be made for a ventilation device consisting of a manual and continuously adjustable component and a component which automatically reacts to wind pressure.**

### The following requirements are stipulated:

- The ventilation device should be installed in the upper area of PVC windows, i.e. above head height.
- The ventilation device may not change the visual outside appearance of the window.
- All ventilation openings must be accessible and easy to clean.
- It must be possible to include the ventilation device in plans as part of ventilation concepts in accordance with DIN 1946-6, including rated ventilation.
- The ventilation device may not obstruct the tilt / tilt and turn function of the casements.
- The manually adjustable vent modules must be easy to operate and move smoothly.
- Airflows through milled areas through inaccessible hollow chambers in the profile are not permitted due to the risk of contamination by dirt and germs.
- It must be ensured that the windows can be quickly returned to their original state both in their appearance and function.
- The manually adjustable vent components must correspond to DIN 1946-6, Section 7.5.1.2 in their closed state and must be airtight when closed.
- Driving rain resistance must be ensured in accordance with the highest test level of DIN EN 13141-1, Table 6.
- Ventilation components must be easy to remove for cleaning.
- If not required otherwise for the individual items, all casement units shall be equipped with the Regel-air® FORTE combination (1 pair slide vents and 1 pair window rebate vents) in accordance with the manufacturer's installation guidelines.
- Regel-air® FORTE or equivalent.