

architect

gdr-architecten, gentbrugge

client

primary school zevegem & agion

program

2 classes, including storage rooms
playground and garden
new storage room and dressing room, adjacent to existing gymnasium

sustainability

airtightness $V_{50}(\text{m}^3/\text{h}) < 5 \text{ m}^3/\text{h}\cdot\text{m}^2$ (tested $1.9 \text{ m}^3/\text{h}\cdot\text{m}^2$)

ventilation system C+

(ventilation grid supply and mechanical exhaust)

level of overall thermal insulation of the building

(heat loss per m^3 of a heated building volume)

K-level : max K40

level of energy

(level of annual primary energy consumption in correlation with heat loss surface, protected volume and ventilation rate)

E-level : max E60

attention to access for disabled people, fire-safety, durable materials, acoustics, daylight-reflection, ...



construction phase



classroom / storage room



classroom / furniture