

Indoor Air Quality and Trickle Ventilation

This presentation provides information and support for architects and designers interested in specifying trickle or passive ventilation options. It seeks to answer the following questions:

- With the focus on airtightness and thermal efficiency have we overlooked the importance of ventilation?
- Is poor indoor air quality affecting the health and productivity of building occupants?
- Are there convenient, low-cost options for background ventilation that meet Building Code and user requirements?

Presentation contents: Why do we need to care about air quality?

- ▶ How much air do we breathe?
- ▶ Indoor air quality & cognitive impairment
- ▶ Respiratory illness and health
- ▶ Windows and indoor environment quality
- ▶ Ventilation types
- ▶ The Japanese experience
- ▶ Ventilation, humidity & condensation
- ▶ Air replenishment & air change rates
- ▶ Operable windows rarely operated
- ▶ Trickle ventilation
- ▶ Reasons for not interacting with vents
- ▶ Benefits and features – Aerovent, Sashvent, Ventient
- ▶ Acoustic considerations
- ▶ Case Studies

This presentation is...

- CPD-accredited
- Available as face-to-face group offerings or via online live video
- Available in 30-minute and 60-minute sessions



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NZIA CPD 5 points for 30 mins. 10 points for 60 mins.
ADNZ CPD 0.5 points for 30 mins. 1 point for 60 mins.