

AOV Resource — Sliding Sash AOVs

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Sliding Sash AOVs — What are the issues?

- AOVs are normally CE / UKCA marked EN 12101-2 Certified & tested products in their own right.
- We are not aware of any EN 12101-2 certified sliding sash windows on the market.
- Certified AOV windows often use modern aluminium frame profiles, rather than timber sliding sash profiles.
- EN 12101-2 Certified & tested smoke vent windows come with their own 24V DC opening actuators that have been pre-fitted onto the frame and factory tested before dispatch.
- Retrofitting actuators onto a vent/window frame by others, will not give the vent EN 12101-2 certification and testing.
- To CE / UKCA mark a window to EN 12101-2 requires stringent audited testing and certification processes including wind tunnel and fire test chamber tests. This is too costly to be practical to do for a single build.
- For a new build project this isn't typically an issue, as a fully certified modern flat roof, pitched roof or façade AOV can be allowed for at planning stages.
- For conversion work, listed and conservation area buildings with sash windows this can cause a conflict between planning/conservation (Tested AOVs won't match the aesthetics of a traditional sash window), and Building control/life safety (As many common escape routes will require smoke ventilation).
- To resolve this potential conflict between planning and building control, Rocburn have worked with many customers over the years to provide practical compromises.

SOLUTIONS

See below some examples of different sliding sash AOV approaches.

To discuss one or more of these, please do get in touch via phone or email.

