

EN 12101-2 Certification

Enforcement of CE marking is by Trading Standards

Natural smoke and heat exhaust ventilators (NSHEVs) are installed to divert smoke and hot flue gasses in the event of a fire in order to keep escape and emergency routes clear.

Trading Standards can ask for proof to determine whether an NSHEV system meets the European Standard. Approved document 7 is used in this case, and it offers eight ways of establishing the fitness of materials.

Our Solution

CE marking under the Construction Products Regulation (305/2011/EU-CPR) is one of the eight ways in which Approved document 7 establishes the fitness of material. D+H UK include this CE marking in every one of our NSHEV systems.

D+H UK systems have already passed the tests and come as CE marked, fully certified solutions. In essence, we have taken care of the responsibility.

Building Regulations Update

In 2013 the building regulations (A through to R) were updated to add a reference to Approved Document 7 - Materials & Workmanship. This calls for usage of the Construction Products Regulation (CPR); all products covered by a harmonised European Norm must be CE marked:

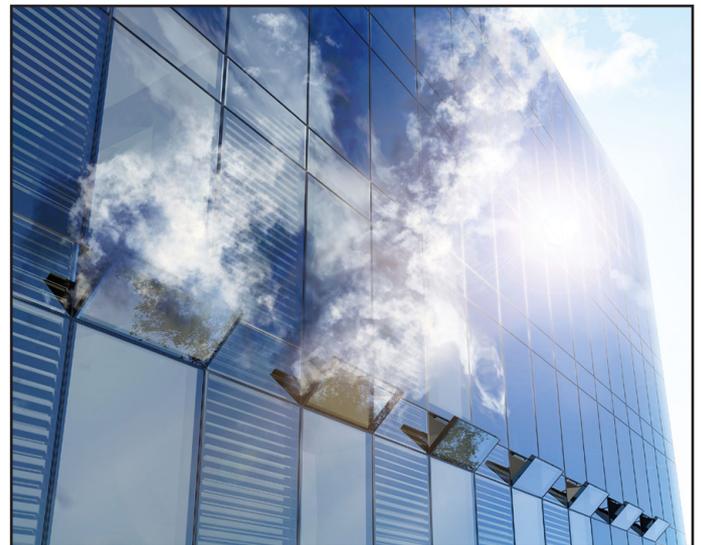
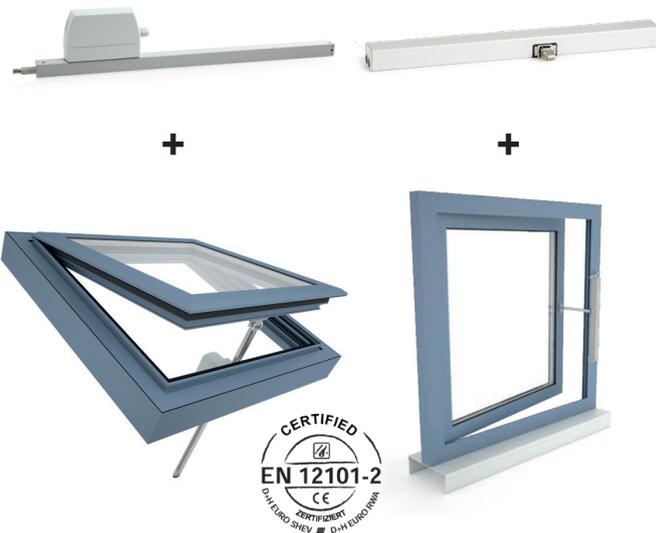
EN12101- Smoke & Heat Control:
 EN12101-2 NSHEV's
 EN12101-3 Powered SHEV's
 EN12101-8 Smoke Control Dampers
 EN12101-10 Power supplies

Independent testing and certification to the relevant part of the norm are required, leading to the manufacturer application of the CE mark.

- CE marking enables a product to be placed legally on the market.
- CE marking indicates that a product is consistent with its Declaration of Performance (DoP) as made by the manufacturer.

An NSHEV consists of the following components

- A window drive with corresponding components (bracket, fittings)
- The filling (glass, panel)
- SHEV opening with corresponding components (profiles, seals, fittings) in the façade or roof.



Contact Us

D+H UK's technical team are ready to assist in ensuring that a fully compliant EN12101-2 solution is achieved.

This will be backed up by documentary evidence of compliance. Please contact us at an early stage and we will provide our full support.

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