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1. Introduction of the Product Standard for Doors

The Product Standard for Doors* was published in the European member states in April 2004. Following a transition period of one year, all market participants in Germany and Europe as from 1 May 2005 must apply this standard.

1.1 Introduction in Germany

After the voting procedure at European level (Formal vote) had been concluded with a positive result, the most important door standard, which had been prepared in order to delineate the Construction Products Directive, was completed.

Following publication in the Official Gazette of the European Community, a co-existence phase of 12 months was started during which both the new Product Standard for Doors and the national standards or regulations can be applied - manufacturers can decide which system they wish to use.

This choice is no longer available as from 1 May 2005 - the Standard is obligatory in all EU states. In Germany the implementation is effected in accordance with the Construction Products Law (Bauproduktengesetz - BauPG).

1.2 Scope

The Standard prescribes the safety and performance specifications for all power operated and manually operated doors and gates in commercial and private applications to which are accessible to people.

The primary object of the Standard is the protection of people, regardless of the definition of doors and gates.

* The Product Standard EN 13241-1 covers industrial, commercial and garage doors and gates. Ever mention in this brochure this Product Standard will be designated as 'Product standard for doors'.

Safety requirements

Section A – Basic Safety Requirements

1. Safeguarding against dropping of vertically operating door leaves

Vertically operating door leaves shall be safe-guarded against dropping, or uncontrolled out-of-balance movement in the event of a failure of a single component in their suspension or balancing systems.



Relevant Directives:

CPD, Construction Products Directive

References:

EN 12604 clause 4.3.4

What to do:

Safeguards against dropping can be achieved by using anti-drop devices or other design features incorporated into the door suspension system (see EN 12604).

Springs shall be arranged so that one spring cannot cause faulty operation of another.

Evaluation of conformity:

Evaluation of conformity shall be based on an initial Type test carried out for the manufacturer by a notified body.

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