



Seit 1872

Resistance
grades CEN
VIII - XIII
(CD) (EX)

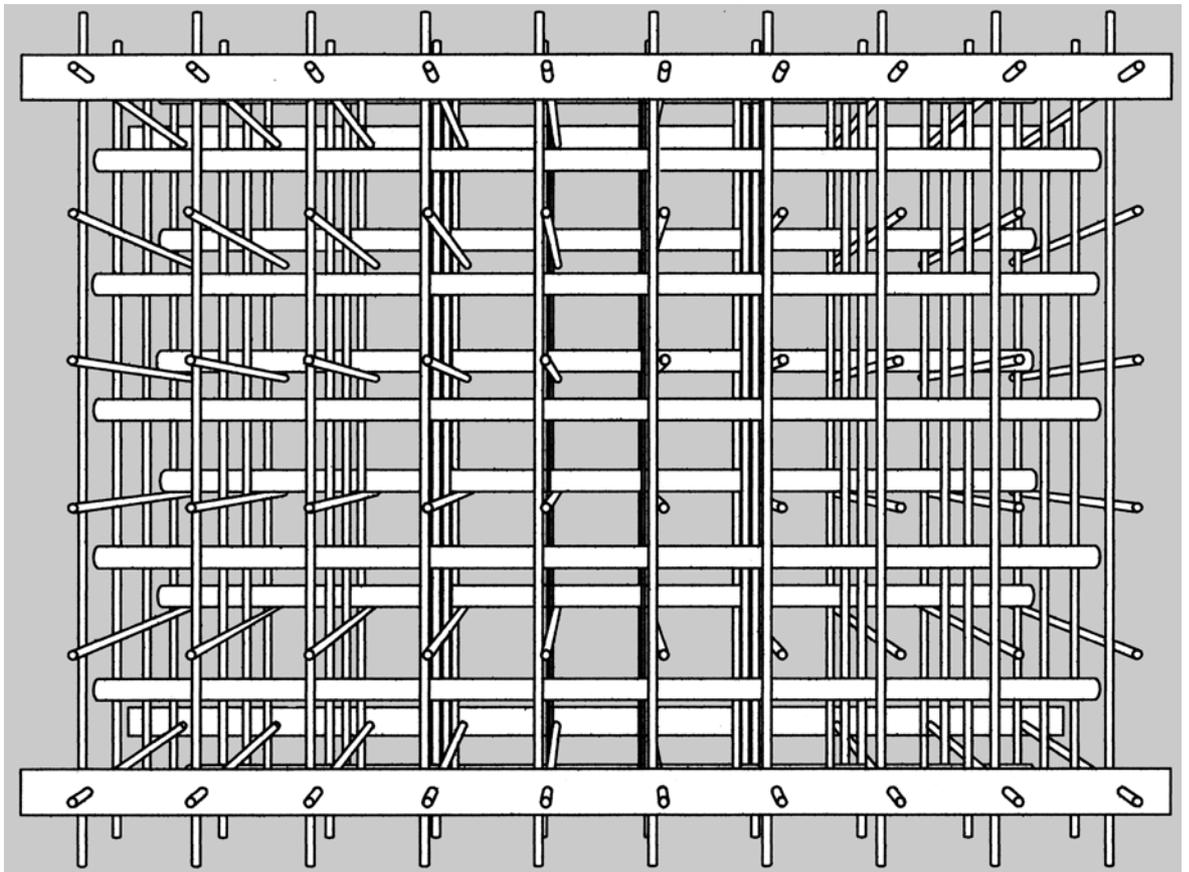
STACKE

S I C H E R H E I T M I T S Y S T E M

Euroline strongrooms

The Stacke system for strongrooms in cast-in situ construction

VdS-tested + certified in accordance with the European standard EN 1143-1
ECBoS Euro certified in accordance with EN 1143-1



Stacke is also a leading manufacturer offering project planning and the performance of construction measures for strongrooms cast in situ.

In contrast to safes in modular design consisting of industrially prefabricated wall panels, this massive safe is built according to the division of labour principle.

Stacke is the responsible project planner and manufacturer of the security reinforcement; a building contractor installs the reinforcement on site and conventionally builds the room using mass concrete. In order to satisfy the high security demands on the quality of the concrete, Stacke provides detailed instructions on how the concrete shall be produced, processed and subsequently treated which ensures the specified quality level in compliance with the latest rules of application according to DIN. The building contractor must furnish proof of the required quality - by means of the concrete mix formulation, an approval test, concrete tests and the surveillance report of a recognized monitoring body.

The design and construction of the elements as well as the know-how of their economical installation are based on the research and development results sys-

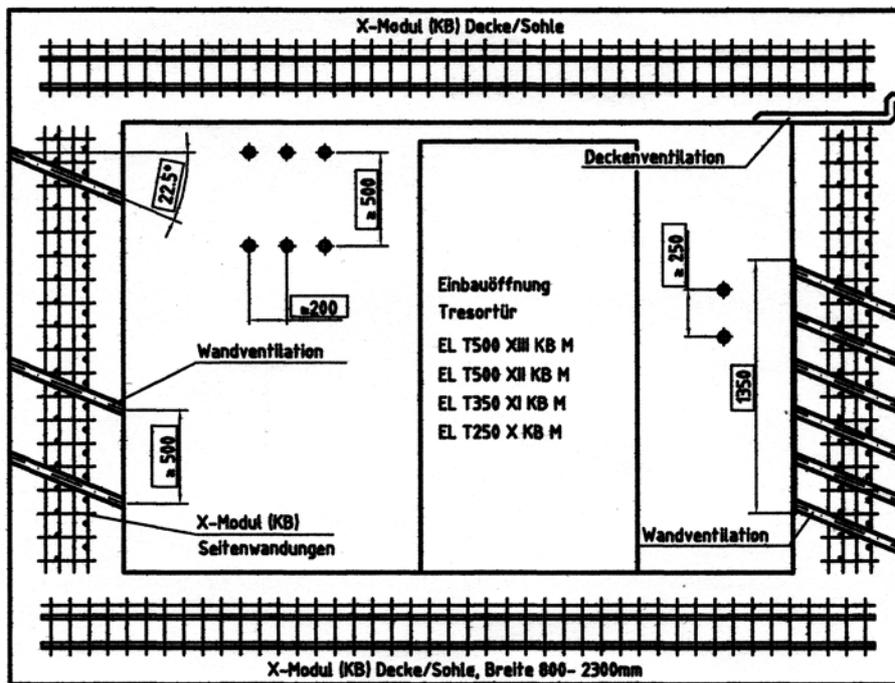
tematically compiled and improved by Stacke since 1980. In 1981, these solutions were honoured with a patent - ideas which are applicable to modern, present-day solutions as well.

Summary:

- Stacke assumes responsibility for the planning of a cast in situ strongroom, provides the necessary drawings and instructions for production.
- Stacke strongrooms in cast in situ construction are VdS tested, VdS certified and ECBoS Euro certified in accordance with EN 1143-1
- Stacke security reinforcements arrive at the building site as prefabricated modules ready for installation and only need to be installed properly and in compliance with the drawings.
- The Stacke security concept covers the resistance grades CEN VIII-XIII (CD); the supplement "CD" certifies tested resistance to crown drills, the supplement "EX" certifies tested security against an attack with explosives, both in accordance with the requirements of EN 1143-1.

Euroline strongrooms

Cast in situ construction with modular security reinforcement made of pre-fabricated elements



Ventilation shaft for horizontal arrangement, zinc-coated; Dimensions: 100 (345) mm x 1100 mm x 1030, 780, 630, 530, 430 mm (hwxwd); Cross-section of ventilation area: approx. 124 cm²



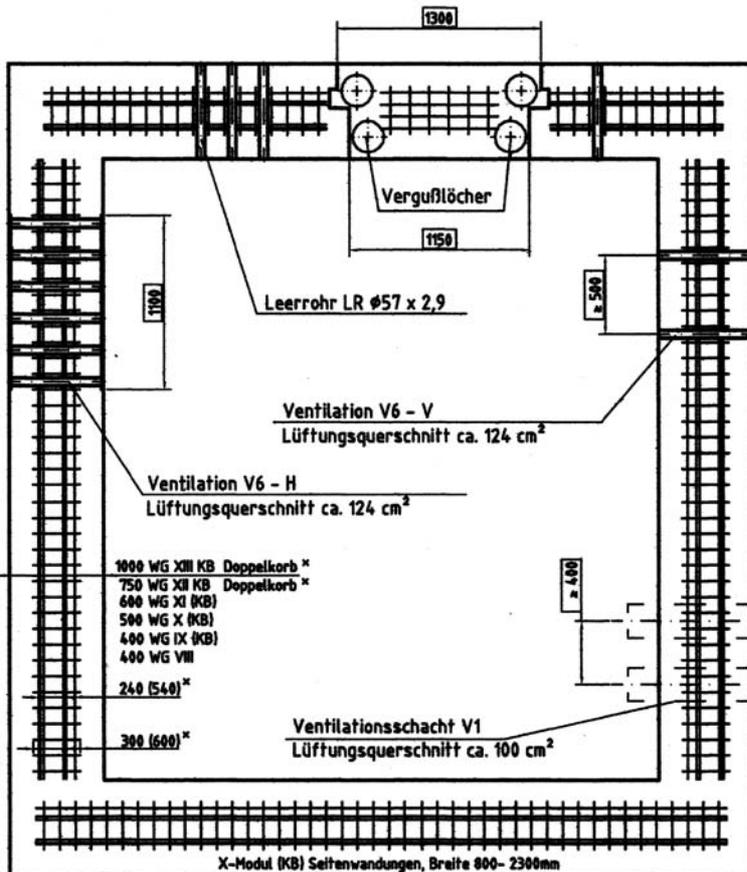
Ventilation shaft for vertical arrangement, zinc-coated; Dimensions: 1350 (1575) mm x 100 mm x 1030, 780, 630, 530, 430 mm (hwxwd); Cross-section of ventilation area: approx. 124 cm²



Ventilation shaft for overhead ventilation, zinc-coated; Dimensions: 130 (190) mm x 210 mm x 855 mm (hwxwd); Cross-section of ventilation area: approx. 100 cm²



Conduit, zinc-coated, 57 x 2,9 mm



A diagrammatic vertical and horizontal cross section of an example of a system arrangement

Weights/m²:

EL AS 95 (VIII-XI)	= approx.	46 kg/m ²
EL SAS 95 L (VIII CD-XI CD)	= approx.	59 kg/m ²
EL SAS 95 L (XII CD-XIII CD)	= approx.	105 kg/m ²
EL SAS 95 L CD EX (XII CD EX-XIII CD EX)	= approx.	140 kg/m ²