

Kravspecifikation

Dokument	Utgåva	Benämning
SSF 1047	Utgåva 2 2004-10-19	Inbrottsskyddande väggar - Krav och Provning Burglar protection walls - Requirements and test methods

Tolkningen

Tolkning i detta dokument gäller kraven och utförandet för angivna avsnitt.

Interpretation of this document requirements and execution of the specified section.

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Bakgrund/Background

Den engelska översättningen är förtydligad.
The English translation is clarified.

Tolkning/Interpretation

Vid tillämpning av ovanstående tolkas detta enligt följande.
For the purposes of the above, this is interpreted as follows.

Tillämpning/Application

Befintlig text redovisas med kursiv stil.
Existing text in italic.

2.1 Requirements on fastenings and joints

Any joints between wall panels, corners and fastening against floor and roof or ceiling shall be similar to the wall otherwise considering attacks and strength.

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Any joints between wall panels (including corners), floor, roof or ceiling shall be of equivalent resistance to attack

3.1 Attacks using hand tools

It shall not be possible to force the wall in accordance clause 3.2 in a shorter time than what is stated in table below:

Clause 3.1 Attacks using hand tools

It shall not be possible to force the wall in accordance with clause 3.2 in a shorter time than what is stated in table below:

3.2 Forced wall

A wall is considered to be forced when a gauge of the format below can be inserted through the wall:

3.2 Forced wall

A wall is considered to be forced when one of the following gauges can be passed through the wall:

4 Installation instructions

The installation instruction shall contain at least information on the fastening against various materials and the type of fixing screws to be used for each material.

Instructions are also needed on how the fastenings against floor and roof or ceiling shall be implemented to correspond to the protection class of the wall.

4 Installation instructions

The installation instruction shall contain at least information on the fastening against various materials and the type of fixing screws to be used for each of those materials.

Instructions are also needed to confirm how the wall shall be fastened to a floor and roof or ceiling to achieve the protection class of the wall.

5.1 General

The order of a test shall be accompanied by drawings, specifications, installation instructions and other information of significance for the test. Normally one complete unit is used for a complete test.

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Prior to conducting any tests, the supplier shall submit drawings specifications, installation instructions and other information of significance for the test. Normally, one complete unit is used for a complete test.

5.2 Conditions for the test

The wall panel with fixing screws shall during the test be installed in accordance with the instructions from the manufacturer or correspondingly. The wall panel with fixing screws shall be installed in a test frame of RHS profile 120 x 120 mm in accordance with SS-ENV 1627. Normally the test wall is 2 x 2 m and if the wall is built of panels with joints, the test specimen shall have minimum 2 joints.

The test is to be carried out by a test team of two persons, one of them functioning as test manager, time keeper and recorder and the other one as operator.

The test team shall study the structure, drawings and specifications before the test.

The attack tools for the test have to be easily available for the operator. In case any tools breaks, it may be exchanged for a new one.

The time starts to run when the first tool touches the wall and runs until the wall is forced or the test is interrupted for another reason. The time includes any exchange of tools, but not the time for checking with gauges. The aim is that every test is carried out in one sequence without interruption.

Note: SS-ENV 1627, Windows, doors, shutters - Burglar resistance - Requirements and classification.

Clause 5.2 Conditions for the test

The wall panel with fixing screws shall be installed for testing in accordance with the instructions from the manufacturer. The wall panel shall be installed in a sub-frame of RHS profile 120 mm by 120 mm in accordance with SS-ENV 1627 using the fixing screws defined by the manufacturer. Normally the test wall is 2 m by 2 m and if the wall is built of panel with joints, the test specimen shall have at least 2 joints.

The test is to be carried out by a test team of two persons, one of them functioning as test manager, time keeper and recorder and the other one as operator.

The test team shall study the structure, drawings and specifications before the test.

The attack tools for the test have to be easily available for the operator. In case any tools break, it may be exchanged for a new one during the attack test.

The time starts to run when the first tool touches the wall and runs until the wall is forced or the test is interrupted for another reason. The time includes any exchange of tools, but not the time for checking with gauges. The aim is that every test is carried out in one sequence without interruption.

Note: SS-ENV 1627, Windows, doors, shutters - Burglar resistance - Requirements and classification.

5.3.1 Attack using hand tools

The test team first has to select the points of attack in order to force the wall surface and joints in the shortest possible time.

Examples in points of attack:

- *wall surface*
- *joints between wall panels*
- *joint between wall surface and floor as well as between wall surface and roof/ceiling*

Clause 5.3.1 Attack using hand tools

The test team first has to select the points of attack in order to force the wall surface and joints in the shortest possible time

Examples of points of attack:

- Wall surface
- Joints between wall panels
- Joint between wall surface and floor as well as between wall surface and roof/ceiling or abutting walls.

5.3.2 Tool list

<i>Tool</i>	<i>Max length, Weight or type</i>	<i>Maximum number of tools</i>
<i>Hammer (class 1 and 2)</i>	<i>0,7 kg, 350 mm</i>	<i>1 piece</i>
<i>Hammer (class 3)</i>	<i>1,6 kg, 450 mm</i>	<i>1 piece</i>
<i>Axe (class 1 and 2)</i>	<i>0,8 kg, 370 mm</i>	<i>1 piece</i>
<i>Axe (class 3)</i>	<i>1,2 kg, 650 mm</i>	<i>1 piece</i>
<i>Crowbar</i>	<i>600 mm</i>	<i>1 piece</i>
<i>Chopping chisel</i>		<i>3 piece</i>
<i>Hand saw</i>	<i>400 mm</i>	<i>1 saw with 3 saw blades for metal and 2 saw blades for wood</i>
<i>Demounting tools</i>		<i>No restrictions</i>

The dimensions of the tools are limited to 0.8 kg and a length of 300 mm unless otherwise stated. Also smaller tools may be used.

5.3.2 Tool list

Tool	Max length and weight	Maximum number of tools
Hammer (class 1 and 2)	0.7 kg, 350 mm	1 piece
Hammer (class 3)	1.6 kg, 450 mm	1 piece
Axe (class 1 and 2)	0.8 kg, 370 mm	1 piece
Axe (class 3)	1.2 kg, 650 mm	1 piece
Crowbar	0.8 kg, 600 mm	1 piece
Chopping chisel	0.8 kg, 300 mm	3 piece
Compass saw	0.8 kg, 400 mm	1 saw with 3 saw blades for metal and 2 saw blades for wood
Demounting tools	0.8 kg, 300 mm	No restrictions

6. Test report

The test report shall minimum include the following information for the product:

- *Manufacturer*
- *Product type code*
- *Documentation (drawings, specifications etc.)*
- *Installation instructions including information on installing in different structures.*

The test report shall include the following information on the test:

- *Date of test*
- *Name of the testing institute*
- *Test team*
- *Minutes of the test*
- *Information of test performance and the fastening alternatives the test was conducted for*
- *The test report shall clearly state the measurement values related to the requirements in this standard*

6 Test report

The test report shall include at least the following information for the product:

- Manufacturer
- Product model reference
- Documentation (drawings, specifications etc.)
- Installation instructions including information on installing in different structures.

The test report shall include the following information on the test:

- Date of test
- Name of the testing institute
- Test team
- Results of the test
- Information of test performance and the fastening alternatives the test was conducted for
- The test report shall clearly state the measurement values related to the requirements in this standard.