



SWEDISH TECHNICAL APPROVAL

144504

and decision on production control in accordance with 18-20 § Law (1994:847) on technical specification requirements for construction works etc., BVL

FACADE SFB 4150 – Fire

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| Holder | Sapa Building System AB, SE-574 81 Vetlanda Tel:+46 383-942 00, Fax: +46 383-76 19 80, Internet: www.sapabuildingsystem.se, VAT number: 556114-5698 | | | | | | |
| Product | SFB 4150, non-loadbearing glazed facade made of insulated aluminium sections. Maximum floor-to-floor height of wall is 3.0 m. If the width is limited, the maximum floor-to-floor height may be increased to 3.6 m. The system may be erected as a curtain walling. Fire resistance classes E 30, EI 15, EI 30. | | | | | | |
| Intended use | Fire resistant non-loadbearing glazed facade in buildings. | | | | | | |
| Approval | The product satisfies the requirements set forth in 2 § 1, 2, 6 BVL, in respect to and under conditions stated in this certificate, and are therefore approved in accordance with the provisions of the following sections of the Building Regulations issued by the National Board of Housing, Building and Planning (BBR) and of Construction Regulations issued by National Board of Housing, Building and Planning (BKR): <table border="0" style="width: 100%;"> <tr> <td style="width: 70%;">Fire resistance classes* E 30, EI 15 and EI 30</td> <td>BBR 5:221</td> </tr> <tr> <td>U-values in accordance to the associated document</td> <td>BBR 9:12</td> </tr> <tr> <td>Wind load in accordance to the associated document</td> <td>BKR 9</td> </tr> </table> <p>* Depending on the fire glass. For curtain walling, the stated fire resistance classes apply only for fires on the outside.</p> | Fire resistance classes* E 30, EI 15 and EI 30 | BBR 5:221 | U-values in accordance to the associated document | BBR 9:12 | Wind load in accordance to the associated document | BKR 9 |
| Fire resistance classes* E 30, EI 15 and EI 30 | BBR 5:221 | | | | | | |
| U-values in accordance to the associated document | BBR 9:12 | | | | | | |
| Wind load in accordance to the associated document | BKR 9 | | | | | | |
| Associated documents | U-values in accordance with the document J8, dated 2004. Wind loads in accordance with document A4150-401, dated 08-10. | | | | | | |
| Control | Production control is to be performed in accordance with “Kontrollanvisningar till typgodkännande nr 144504”, dated September 1, 2009. When the building proprietor performs inspection at the building site, he shall check the markings to ensure that the correct products have been supplied and that they are used in | | | | | | |



Control (cont.) accordance with requirements stated in the approval and the associated documents. He must also check that the product is accompanied by a manufacturing assurance, which certifies that the product has been manufactured in accordance with the documents on which this certificate is based.

Manufacturer The system is to be produced by manufacturers for which a decision on production control has been issued in accordance with §§ 18-20 of the Act (1994:847) on Technical Property Requirements for Construction Works, etc., BVL or equivalent.

Marking The product is to be marked at the factory. The marking consists of a label on every partition supplied and includes:

| | |
|--|---------------------------|
| Name on manufacturer | Name |
| Boverket's registered trademark | + |
| SITAC's accreditation number | SP SITAC 1002 |
| Product type designation | SFB 4150 |
| Approval certificate number | 144504 |
| Fire resistance class | e.g. EI 30 |
| Consecutive manufacture No./date of production | manufacturing no. |
| Inspection body | name or trade mark |

Basis for approval Reports nos. P302186B, P302186D, P400939A, P401538, P402313, P402314, P403833, P404424, P903154 and P904954 from SP.


Drawings in accordance with drawing lists "Fasad SFB 4150, brand från insida", "Fasad SFB 4150, brand från utsida" and "Fasad SFB 4150, brand oberoende sida", dated 09-08.

Comments Associated documents are to be completed with special drawings for the appropriate building.

This approval supersedes previous certificate with the same number dated 26 June 2008, and project number P900142.

Period of validity The approval is valid until and including August 31, 2014

The formal validity of an approval expires after the transitional period for the harmonised specification that makes it possible to CE-mark the product. However, the technical assessment showing that the product fulfils the requirements in the building regulations, issued by the Swedish National Board of Housing, Building and Planning, is not affected.


Johan Åkesson


Per Adolfsson