

# Swedish Technical Approval

## 144501

and decision on production control, in accordance with chapter 8, 22 and 23 §§ Planning- and Building Act (2010:900), PBL

### WINDOW AND DOOR PARTITION SFB 2074 - EI 30

#### Holder

Sapa Building System AB, SE-574 81 Vetlanda, Sweden

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#### Product

SFB 2074, glazed window and door partitions made of insulated aluminium sections. Maximum height of window is 3.6 m. Maximum size of door leaf for single leaf/double leaf door is B×H 1306/2100 mm×2240 mm, class E 30, EI 15, EI 30, S<sub>a</sub>.

#### Intended use

Fire resistant window and door partitions for internal or external installation in buildings.

#### Approval

The product satisfies the requirements set forth in chapter 8, 4 § 2 PBL, 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 (BBR) issued by the National Board of Housing, Building and Planning.

Fire resistance class E 30, EI 15, EI 30 5:231

Smoke leakage class S<sub>a</sub> in accordance with EN 13501-2 5:231

#### Associated documents

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#### Control

Production control is to be performed in accordance with instructions for control "Inspection requirements for type approval no. 144501", dated 2016-11-29 and audited by an independent inspection body.

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 accordance with the requirements stated in the approval. 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 approval is based.

#### Manufacturer

The product is to be produced by manufacturers for which a decision on production control has been issued in accordance with 8 chapter, 22 and 23 § of the Planning and Building Act (2010:900), PBL or equivalent.

## Marking

The product is to be marked at the factory. The marking consists of a sign, label or text on every product supplied and includes:

Information about the manufacturer

Boverket's registered trademark  
Certification body and accreditation number  
Product type designation  
Approval number  
Fire technical class  
Consecutive manufacture No./date of production  
Inspection body

**The name of the manufacturer, place of manufacturer and certificate number**

**†**  
**SP Certifiering 1002**  
**SFB 2074**  
**144501**  
e.g. **E 30, S<sub>a</sub>**  
**manufacturing no.**  
**SP**

## Basis for approval

Assessments nos. 97R13043A, 99R13197, 99E60499, P104265A, P203986 and P304296 from SP.  
Reports nos. 99R13247B, P104732, P401537, P403832, P501736, PX06314 and PX11235 from SP.  
Reports nos. LP-818/02, LP-960.1/00 and LP-627.2/03 from ITB. Reports nos. FR 101/02 CP (E) from FIRES. Reports nos. 2008-Efectis-R0788, 2008-Efectis-R0406 and 2006-Efectis-R0770.

Drawings in accordance with drawing lists "Fire screens SFB 2074 30 min." and "Fire screens SFB 2074, with fire door SFB 2060", dated 16-12.

## Comments

Customised drawings for each building project shall be produced by the manufacturer.

All relevant properties that can be verified in accordance with a harmonised standard, or are verified in accordance with a European Technical Assessment shall be listed in a Declaration of Performance.

This approval supersedes the previous approval with the same number dated 29 August 2016.

## Period of validity

This approval is valid until 28 November 2021.

The validity of this approval expires when the characteristics included in this approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.

## SP Technical Research Institute of Sweden Certification



Johan Åkesson



Per Adolfsson