

TYPE APPROVAL CERTIFICATE 4427/88

and decision on production control in accordance with §§ 18-20 of the Act (1994:847) on Technical
Property Requirements for Construction Works, etc., BVL

KEYWORDS: FIRE PROTECTION**BSAB G8****Fire separating walls (class E, EI)**

ISOLAMIN 33CL50, 30CL80 and 30CL100 INTERIOR WALLS

Issued to	Isolamin AB, S-956 32 Överkalix, tel: +46-926 756 00, fax: +46-926 756 40	
Product	PARTITION WALLS type Isolamin 33CL50, 30CL80 and 30CL100, EI 30, EI 60. Sandwich-element made of rock-wool covered on both sides with PVC-coated, steel sheets with thickness 0,7 mm (33CL50) respectively 0,5 mm (30CL80 and 30CL100).	
Intended use	Fire separating walls in buildings	
Trade name	Fire separating walls 33CL50, 30CL80 and 30CL100	
Approval	The product meets the requirements in 2 § 2 BVL , with respect to and on the conditions stated in this certificate, and is therefore approved with regard to the requirements in the following section of the Building Regulations of the National Board of Housing, Building and Planning (<i>BBR</i>):	
	Fire-resistance grade (fire separating function)	5:22
	<u>Type of wall</u>	<u>Fire-resistance grade</u>
	33CL50	EI 30
	30CL80	EI 60
	30CL100	EI 60
Associated documents	Drawing No. 3L-1002, latest dated 90-02-23 Drawing No. 38X-2001-A, latest dated 92-09-28 Drawing No 38X-2002, latest dated 92-06-02 Drawing No 38X-2003, latest dated 92-06-04 Drawing No 48M-1012, latest dated 96-01-23 Drawing No 48X-0001, latest dated 96-01 Drawing No 48X-0002, latest dated 96-01 Drawing No 48X-0003, latest dated 96-01	

7 August 2000

Certificate no. 4427/88

Control	<p>Production control is to be performed in accordance with instructions for control dated 1991-01-11 with registration number 310-90-1451, and be supervised by an independent third party body, SP (Swedish National Testing and Research Institute).</p> <p>The inspection on the building site will ensure that the correct product has been delivered, by identifying by means of the marking. That will further ensure that workmanship and application of the product complies with the specifications in the associated documents.</p> <p>At the inspection shall be verified that the product has been accompanied by a certificate issued by the manufacturer (<i>manufacturer's warranty</i>) which ensures that the delivered product complies with specifications in the type approval and the production control.</p>																
Manufacturer	Place of manufacture with approved production control: Isolamin AB, Överkalix																
Marking	<p>Products are to be marked at the factory. The marking consists of a label on every wall element supplied and includes:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 60%;">Manufacturer and manufacturing site</td> <td style="text-align: right;">Isolamin AB, Överkalix</td> </tr> <tr> <td>The National Board of Housing, Building and Planning's registered trademark</td> <td style="text-align: right;">†</td> </tr> <tr> <td>SITAC's accreditation number</td> <td style="text-align: right;">SITAC 1422</td> </tr> <tr> <td>Product type designation</td> <td style="text-align: right;">e.g. 30CL80</td> </tr> <tr> <td>Fire-resistant grade</td> <td style="text-align: right;">EI 30 respectively EI 60</td> </tr> <tr> <td>The number of the Type Approval Certificate</td> <td style="text-align: right;">4427/88</td> </tr> <tr> <td>Consecutive production number or date of production</td> <td></td> </tr> <tr> <td>Inspection body</td> <td style="text-align: right;">SP</td> </tr> </table>	Manufacturer and manufacturing site	Isolamin AB, Överkalix	The National Board of Housing, Building and Planning's registered trademark	†	SITAC's accreditation number	SITAC 1422	Product type designation	e.g. 30CL80	Fire-resistant grade	EI 30 respectively EI 60	The number of the Type Approval Certificate	4427/88	Consecutive production number or date of production		Inspection body	SP
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Basis for approval	Report No 87R10218 A, 87R10218 B and assessment No R10038 A, R10038 B from Swedish National Testing and Research Institute, and Report No F 7935 from Dantest.																
Comments	This certificate supersedes previous certificate with the same number dated 2 February 1996, Reg. No 81-0211/96.																
Period of validity	The approval applies until 7 August 2005.																

Tor Bakke

Ulf Johansson