

5 January 2000

Reg. No. 81-1147/99

TYPE APPROVAL CERTIFICATE 1147/99

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

KEY WORD: FIRE PROTECTION
Fire separating walls (class E, EI)

BSAB G8

WALL PANEL ISOLAMIN 33CL80P

Issued to Isolamin AB, S-956 32 Överkalix, tel: +46 (0)926-756 00, fax: +46 (0)926-756 40

Product WALL PANEL ISOLAMIN 33CL80P, sandwich-element of rock-wool (minimum
density 170 kg/m³) covered on both sides with 0,7 mm steel sheets, maximum
height of wall is 3000 mm, EI 60.

The thickness of the panel is 80 mm and maximum width is 600 mm.

Intended use Fire separating walls in buildings.

Trade name Isolamin 33CL80P.

Approval The product satisfies the requirements in 2 § 2 BVL, in those respects and under
terms specified in this certificate and are therefore approved with regard to the
provisions in the following paragraphs of Boverkets Byggregler (Construction
Regulations of the National Board of Housing, Building and Planning) (*BBR*):

Fire-resistance grade EI 60

5:221

Associated documents	Drawing No.	latest dated
	38x-0003	991215
	48X-0005	991210
	48X-0006	991210


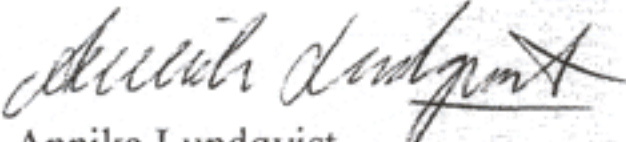
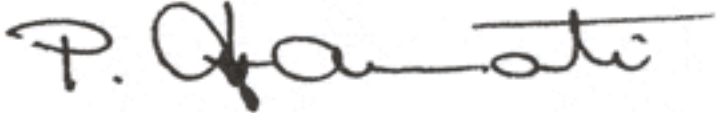
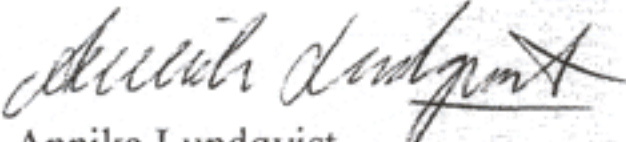
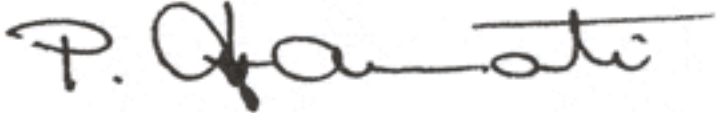
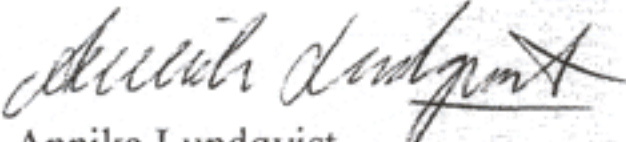
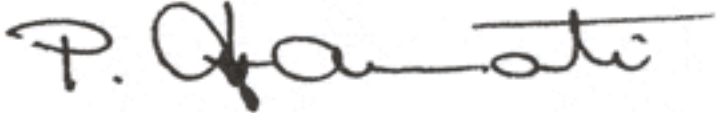
Control Production control is to be performed in accordance with instructions for control
dated 91-01-11. Reg. No. 310-90-1451.

By identifying the product by means of the marking, inspection by the owner at the
building site (when carried out in conformity with § 1 chapter 9 in PBL) will ensure
that correct product has been delivered. The inspection will further ensure that work-
manship and assembling complies with the specifications in associated documents.

Manufacturer The prescriptions for production control are valid for:
Isolamin AB, Överkalix, Sweden

5 January 2000

Certificate No. 1147/99

Marking	<p>Products are to be marked at the factory. The marking consists of a label on every panel supplied and includes:</p> <p>Manufacturer (<i>Isolamin AB, Överkalix</i>) Boverket's registered trademark () SITAC's accreditation number (<i>SITAC 1422</i>) Product type designation (<i>33CL80P</i>) Number of the type approval certificate (<i>1147/99</i>) Fire-resistance grade (<i>EI 60</i>) Consecutive production number or date of production Inspection body (name or the registered trademark)</p>		
Basis for approval	Report 99R1 3227 B from Swedish National Testing and Research Institute (SP)		
Comments	<p>When delivered to the building site, the product is to be accompanied by the manufacturer's declaration of conformity. See § 16 of the mandatory provisions and general advisory notes resolved by The National Swedish Board of Housing, Building and Planning, BFS 1995:6 TYP 1.</p> <p>The rock-wool in the panels is to be type approved as non-combustible material.</p>		
Period of validity	This approval is valid until 31 December 2004.		
	<table><tr><td> Annika Lundqvist</td><td> Peter Gyarmati</td></tr></table>	 Annika Lundqvist	 Peter Gyarmati
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