



SWEDISH TYPE APPROVAL 0642 WITH DECISION ON PRODUCTION CONTROL

Holder: Svenska Westaflex AB

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Rudomal 1100

Product description

Cement-based repair-mass for smoke- and ventilation ducts

Intended use

Internal sealing of existing masonry ducts for fireplaces with a max. heating effect of not more than 120kW, and for already existing masonry ventilation ducts with a natural air- draw, and ventilation ducts for kitchens.

Scope

Rudomal 1100

Approval

The products meet the requirements of Chapter 8, Section 4, of the "Planning and Building Act" (PBA) regarding the technical characteristics of construction works, **1. Carrying capacity, and durability** **2. Safety in case of fire, 3. Protection in regard of hygiene, health and environment, 4. Safety in use** depending on, that what is stated in this approval is followed. The products are approved according to the following section(s) of "Boverket's Building Regulations" (BBR):

Construction products with assessed properties	1:4
Chimneys, general – 3rd. clause	5: 4251
Material characteristics and durability	5: 4255
Density	5: 4256
Chimney fire	5: 4257

Marking

Marking must be affixed on the product or, if there are special reasons, on the packaging or the delivery note. Marking shall indicate the following information:

Holder:

Svenska Westaflex AB

Product name, and relevant article number:

Rudomal 1100

Production site:

MSLZ

the Czech Republic

Traceability to the production:

(e.g. yyyy-mm-dd or batchnumber)

Information about requirements or class, if relevant:

Krav: Density > 1100 kg/m³

Krav: Compressive strength > 4 MPa

The registered trademark of Boverket No 241 217:



Certification Body:

Kiwa Sverige AB

Accreditation number:

1913

Type Approval No:

0642

Inspection Body:

Kiwa Sverige AB



CERTIFIKAT

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Accred. no. 1913
Certification of
Products
ISO/IEC 17065

Control

The manufacturers' continuing internal control is combined with surveillance inspections conducted by an accredited Inspection Body.

Inspection Body: **Kiwa Sverige AB**

Inspection agreement: **210/06**

Factory production control shall be carried out in accordance with the instructions for control, dated 15.09.2020

During inspection at the construction site, the building proprietor must verify the identity of the product by means of the marking. Furthermore, the building proprietor must ensure that the correct products are delivered and that they are installed in accordance with the manufacturer's instructions in the accompanying documents. It must also be verified that the product is accompanied by a manufacturer's declaration that certifies that production has been carried out in accordance with the documents that formed the basis for this type approval.

The validity of the Swedish Type Approval also implies that the factory production control is carried out according to agreement **no. 210/06** and that the holder annually fulfils the requirement in "Boverket's regulations and general recommendations for type approval", BFS 2013:6, § 5 (TYP 7), on continuing internal control. The holder shall annually, at the latest on the 15th of December, report to Kiwa Certification at the e-mail address se.annualreporting@kiwa.com about continuing surveillance.

Associated documents

Product catalogue 2018 Svenska Westaflex 21 pages (www.svenska-westaflex.se/product-catalogue and ...mounting instructions/ instruction manual pdf.)

The assessment basis for the approval

Test report C. Lab Thomas Concrete Group: Compressive strength and Density, report no. 201-1115

Test report DTI 300 ELAB 0987-1 Rudomal Brand

Latest control report 2019-11-17, Kiwa AB according to agreement no. 210/06

Comments

Leaks due to design faults, if there is larger cracks or cavities those must be set right before coating with Rudomal repair-mass. Where chimneys pass floors, there must be a thorough control regarding tightness.

By renovation of flues with Rudomal repair-mass, it must be considered if there is required air-draw from the fireplace, that's is connected to the flue, the heating effect of the fireplace, the fuel used, and the height of the flue.

By renovation of masonry ducts and ventilation ducts with Rudomal repair-mass, it must be considered that sufficient air-draw is retained through the duct.

The Type approval is valid provided that the product shall neither be CE marked according to the Construction Product Regulation (EU) No 305/2011 (CPR), nor has it been suspended or withdrawn by Kiwa Sverige AB.

Date of decision: 09.15.20

Registration number: 0765/20

Valid until: 09.14.25

Previous registration number: 671/16

Magnus Jerlmark

Johnny Ostfeldt