

SkamoEnclosure made easy



One system

Easier projects

SkamoEnclosure is a complete system, which consists of SkamoEnclosure Board and accessory products.



Skamol Adhesive
Mortar

Skamol Mesh
Reinforcement mesh

Skamol Structural Plaster
Plaster (coarse-grained)

SkamoEnclosure Board
Insulation board (lightweight)

Skamol Metal Corner
Corner protector (metal)

Skamol Torx
Screw (torx)

Skamol Corner
Corner protector (PVC)

Skamol Plug
Wall plug

SkamoEnclosure Vermiculite Board
Insulation board

Skamol Glue
Glue

Skamol Primer
Primer

Skamol Glue Pistol
Glue pistol

Skamol Screw
Screw

Skamol Joint Tape
Joint tape

Skamol Smooth Plaster
Plaster (fine-grained)



Where SkamoEnclosure is used

SkamoEnclosure is used as:

- Protection/firewall behind e.g. wood stoves.
- Fireplace enclosure



SkamoEnclosure is safe and thoroughly tested

CE and A1 certified, approved by RRF (Germany) and RISE (Norway).



Benefits of SkamoEnclosure

- Easy to machine with standard hand tools
- Quick to mount for one person
- No hazardous particles are released during mounting



About SkamoEnclosure Board

SkamoEnclosure Board is a calcium silicate board that is asbestos- and quartz free.

Mounting: Protection / Firewall

Mounting of SkamoEnclosure as protection / firewall

Only use products from the SkamoEnclosure system.

It is not necessary to ventilate between a flammable wall and a SkamoEnclosure Board.

The stove must be placed at least 100 mm from the SkamoEnclosure unit.

Mount either a SkamoEnclosure Board (total thickness 100mm) OR a 50mm SkamoEnclosure Board with a 20mm convection cell behind the stove.

Note

Products approved for materials with a Class A fire rating can be used behind a wood-burning stove (statement from the Danish Transport, Construction and Housing Authority).

A SkamoEnclosure Board is approved for materials with Class A1 fire rating.

- 1 Straighten the wall**
Straighten the wall so that you get a smooth surface. Use Skamol Adhesive.
- 2 Apply Skamol Adhesive to the wall**
Use a notched trowel.
- 3 Mount SkamoEnclosure Boards**
The boards are abutted against each other. Apply Skamol Adhesive to the edges adjacent to other boards.
- 4 Adjust the boards when needed – quite simply**
Use ordinary tools.
- 5 Apply Skamol Primer on the boards**
Skamol Primer is applied to all joints and exterior surfaces on the board.
The primer is ready to use and does not need to be diluted.
- 6 Fill joints and fully putty the wall**
Choose between Skamol Smooth Plaster or Skamol Structural Plaster.
Use the selected plaster to fill joints. The wall is done!



Mounting: Fireplace enclosure

Mounting of SkamoEnclosure as fireplace enclosure

Only use products from the SkamoEnclosure system.

The fireplace insert manufacturer's instructions must be complied at all times; they include the distance to combustible material, the dimensions of convection grates, etc.

Note

Always ensure a minimum distance of 5mm between the fireplace insert and the SkamoEnclosure Board to take account of steel's thermal expansion coefficient.

- 1 **Adjust the boards when needed – quite simply**
Use ordinary tools.
- 2 **Apply Skamol Primer on the boards**
Skamol Primer is applied to all joints and exterior surfaces on the board.
The primer is ready to use and does not need to be diluted.
- 3 **Apply Skamol Glue on the joints**
Cut the end of the Skamol Glue, squeeze the air out of the bag and place it in the Skamol Glue Pistol. The glue is applied to all joints on the boards.
- 4 **Assemble SkamoEnclosure Board**
Use Skamol Screw or Skamol Torx to assemble the boards.
- 5 **Mount Skamol Joint Tape**
Skamol Joint Tape is mounted over joints.
- 6 **Prepare the plaster**
Choose between Skamol Smooth Plaster or Skamol Structural Plaster.
- 7 **Mount Skamol Corner**
Use ordinary tools to adjust the length. A thin layer of plaster is placed where the corner protector is to be mounted.
Press the corner protector into the plaster.
- 8 **Mount Skamol Mesh**
Use ordinary tools to adjust the length. A thin layer of plaster is placed where the reinforcement mesh is to be mounted. Press the reinforcement mesh into the plaster.
- 9 **Fully putty the framing**
Use the selected plaster. The framing is complete!



- Rhein-Ruhr Feuerstätten Prüfstelle • Im Lipperfeld 34 b • 46047 Oberhausen
- ❖ Prüfstelle nach Bauproduktenverordnung (EU) Nr. 305/2011, notified body number: NB 1625
 - ❖ Prüflabor nach DIN EN ISO/IEC 17025:2005, DAkkS Nr. D-PL-17727-01-00
 - ❖ Prüf-, Überwachungs- und Zertifizierungsstelle nach LBO, Kennziffer: NRW 15
 - ❖ Prüf-, Überwachungs- und Zertifizierungsstelle im bauaufsichtlichen Zulassungsverfahren
 - ❖ DIN CERTCO Prüfstelle, Kennziffer: PL139



PRODUKTDOKUMENTASJON

RISEFR 120-0262

Test report on a comparison test between an insulation material made of calcium silicate and an insulation material made of mineral wool with a fireplace in accordance with EN 13229:2001/A2:2004/AC:2007

Testing station	RRF Rhein-Ruhr Feuerstätten Prüfstelle GmbH
Name, Address	Im Lipperfeld 34 b D-46047 Oberhausen Telefon: +49(0)208-607041 - 0, Fax: +49(0)208-607041 - 28
Reference No.	RRF - SB 17 4612-2
Manufacturer	Skamol A/S
Name, Address	Sletvej 2C, DK-8310 Tranbjerg J
Trademark	Skamol Group
Product	Insulation material and mortar
Type, batch, serial number:	SkamoEnclosure Board SkamoEnclosure Structural Plaster
Initiator	Manufacturer
Date of delivery	12. Dezember 2017
Test location	Im Lipperfeld 34 b, 46047 Oberhausen
Technician	Teuwsen, T.

Brief summary by testing laboratory:

The above mentioned Insulation material was undergone a safety test according to DIN EN 13229 chapter 4.9, for the purpose of comparison with mineral wool.

This test report has been drawn up without prejudice to the rights of third parties in respect of private trademark rights of the initiator or manufacturer and may not be published in extracts.

The test report consisting of pages 1 to 15 and the appended test documentation a to b contains the results of the testing relating to this standard.

This test report is the translation of the original German test report. In case of doubts, the German version is valid

This test report replaces test report no. RRF - 17 4612-1 of 17. december 2018.

Oberhausen, 16. January 2019

(Place and date)



S. Müller
(Dipl.-Ing. S. Müller)
(stamp and signature of the head of the testing laboratory)

Med henvisning til Plan- og bygningsloven av 27. juni 2008, med Byggteknisk forskrift av 1. juli 2017 og tilhørende veiledning, bekrefter RISE Fire Research, med grunnlag i prøvningsrapporter og vurderinger, at angitt produkt og anvendelse med tilhørende monteringsanvisning imøtekommer norske myndigheters krav til brannteknisk sikkerhet.

Produkt: SkamoEnclosure Board som brannmur

Produktansvarlig: Skamol A/S
Sletvej 2C, 8310 Tranbjerg, Danmark

Produktdokumentasjonens gyldighet er betinget av at produktet er i overensstemmelse med spesifikasjonene i vedlegg, at de blir montert og behandlet på en forskriftsmessig måte og at alle viktige detaljer i denne prosessen nøyaktig følger det som er beskrevet i tilhørende monterings- og bruksanvisning som er kontrollert av RISE Fire Research. Både anvisning og produktdokumentasjon skal følge produkt eller være lett tilgjengelig for kjøper, bruker, kontrollør og lokal saksbehandler/myndighet.

Produktet skal merkes med RISEFR 120-0262, i tillegg til produktnavn, produktansvarlig og/eller produsent og produksjonsinformasjon for sporbarhet. Merkingen skal være lett synlig.

Konstruksjonsdetaljer for produktet er beskrevet i "Standard konstruksjonsdetaljer for SkamoEnclosure Board, tilhørende Produktdokumentasjon RISEFR 120-0262". Den versjonen av detaljsamlingen som til enhver tid er arkivert hos RISE Fire Research, utgjør en formell del av godkjenningen.

Produktet skal ha en årlig, ekstern oppfølging av kvaliteten gjennom en tilvirkningskontroll, som er tilpasset produktet. Kontrollen skal overvåke produktenes samsvar med dokumentunderlaget og være spesifisert i skriftlig avtale med RISE Fire Research.

Denne dokumentasjonen ble første gang utstedt: **2019-09-12**. Fornyelse utstedes på grunnlag av skriftlig søknad. Oppsigelse ved innehaver skal være skriftlig med 6 måneders varsel. RISE Fire Research kan tilbakekalle en produktdokumentasjon ved misligheter eller misbruk og når skriftlig pålegg om endring ikke blir tatt til følge.

Utstedt: 2019-09-26

Gyldig til: 2024-10-01

Asbjørn Østnor

Asbjørn Østnor
Fagansvarlig dokumentasjon

Per Arne Hansen

Per Arne Hansen
Prosjektleder dokumentasjon

RISE Research Institutes of Sweden / www.risefr.no / post@risefr.no
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