

Mounting instructions for fireplace enclosure



One system

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



SkamoEnclosure Adhesive
Mortar

SkamoEnclosure Joint Tape
Joint tape

SkamoEnclosure Smooth Plaster
Plaster (fine-grained)

SkamoEnclosure Board
Insulation board (lightweight)

SkamoEnclosure Mesh
Reinforcement mesh

SkamoEnclosure Structural Plaster
Plaster (coarse-grained)

SkamoEnclosure Brick
Insulation brick

SkamoEnclosure Metal Corner
Corner protector (metal)

SkamoEnclosure Torx
Screw (torx)

SkamoEnclosure Corner
Corner protector (PVC)

SkamoEnclosure Plug
Wall plug

SkamoEnclosure Vermiculite Board
Insulation board

SkamoEnclosure Glue
Glue

SkamoEnclosure Primer
Primer

SkamoEnclosure Glue Pistol
Glue pistol

SkamoEnclosure Screw
Screw

General info

Only use products from the SkamoEnclosure system.

You must comply with the fireplace manufacturer's instructions insert at all times; they include safety requirements for combustible material, the dimensions of convection grates and other important product information.

Note

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

Tools for mounting



Hand saw



Folding ruler



Power drill



Bits torx T20



Whisk



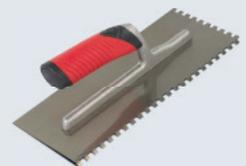
Paint roller



Buckets



Brick trowel



Plaster trowel

Before mounting

Cut the SkamoEnclosure Boards down to size with ordinary woodworking tools.

It is recommended to always use boards of 50mm in thickness for the SkamoEnclosure system.

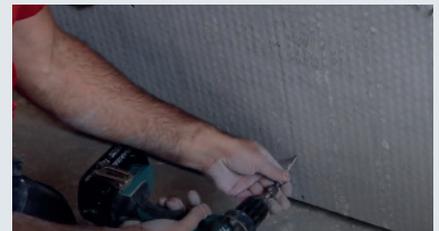
Fasten the boards with SkamoEnclosure Torx, and apply a line of SkamoEnclosure Glue where the boards are assembled.



1 Reinforce SkamoEnclosure Board joints, using SkamoEnclosure Glue.



2 SkamoEnclosure Glue Pistol can be used.



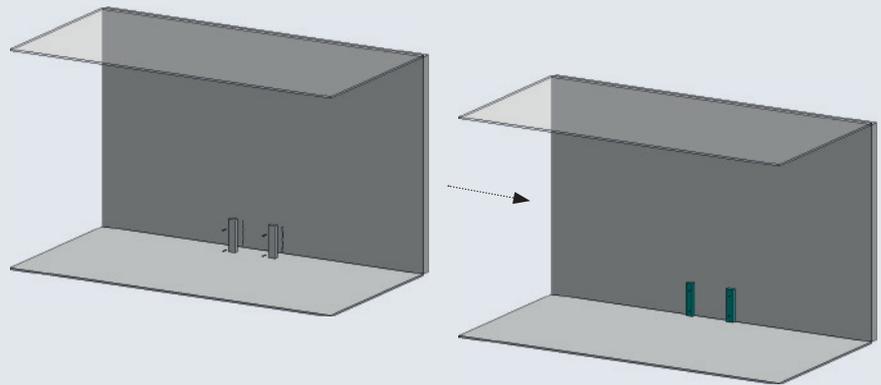
3 Use SkamoEnclosure Torx spaced 250 to 350mm apart.

- A** To ensure a strong construction, a combination of SkamoEnclosure Torx and SkamoEnclosure Glue are used at joints between the SkamoEnclosure Board.
- B** Remove dust from the surface of the SkamoEnclosure Board.
- C** SkamoEnclosure Primer is ready to use. Apply SkamoEnclosure Primer on the SkamoEnclosure Board in an even layer with a brush, roller or sprayer.
- D** You can easily see when the SkamoEnclosure Board is saturated with SkamoEnclosure Primer.
- E** Approximately 30 minutes after applying SkamoEnclosure Primer, the SkamoEnclosure Board is ready for the SkamoEnclosure Glue.
- F** Apply SkamoEnclosure Glue at the top of the SkamoEnclosure Board in an even layer. SkamoEnclosure Glue Pistol can be used.
- G** Push the SkamoEnclosure Boards in place. Remember SkamoEnclosure Glue binds quickly.
- H** There is no curing time when the SkamoEnclosure Boards are glued.
- I** Remove the excess SkamoEnclosure Glue liquid with a wet cloth. Remove the hardened SkamoEnclosure Glue with a putty knife.
- J** Use SkamoEnclosure Torx spaced 250 to 350mm apart.
- K** It is not necessary to pre-drill the SkamoEnclosure Board.

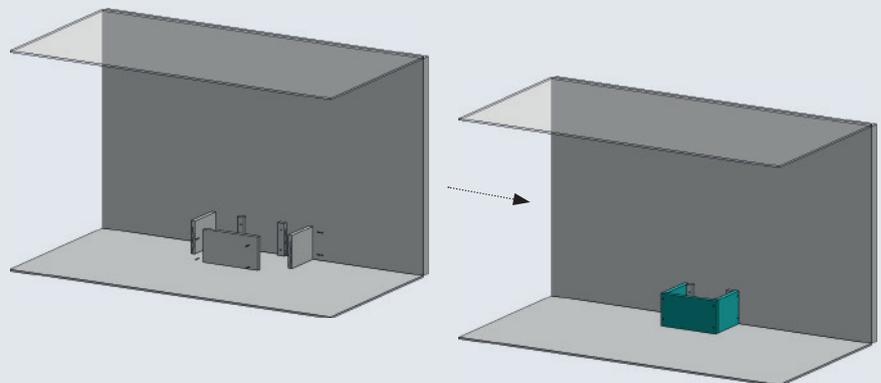
Mounting step 1: Assemble fireplace base

- 1.1:** Mount two 50×80mm strips at the backwall to fasten and secure the base.

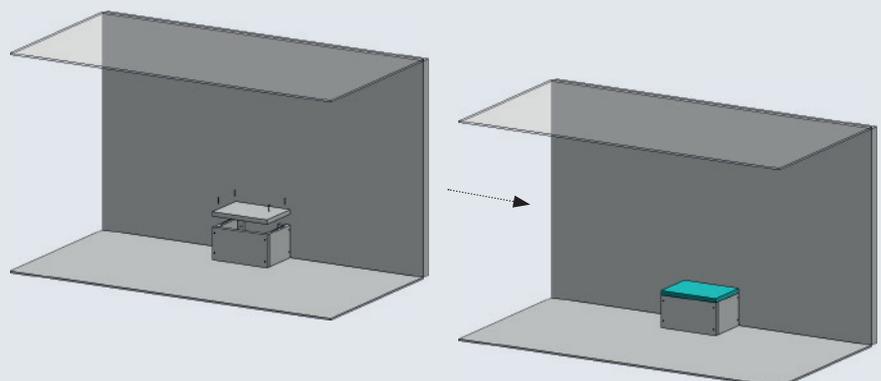
Note: Make sure the vertical supports are placed directly under the feed of the fireplace.



- 1.2:** Mount the sides and the front of the base using SkamoEnclosure Glue and SkamoEnclosure Torx.



- 1.3:** Mount the top of the base using SkamoEnclosure Glue and SkamoEnclosure Torx.

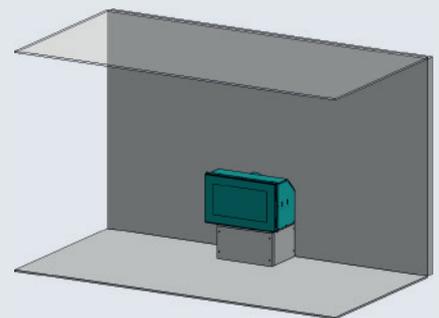


Mounting step 2: Position fireplace

2.1: Make sure to place the fireplace level and square.

Note: Always follow the manufacturer's instruction on distance clearance to a flammable wall.

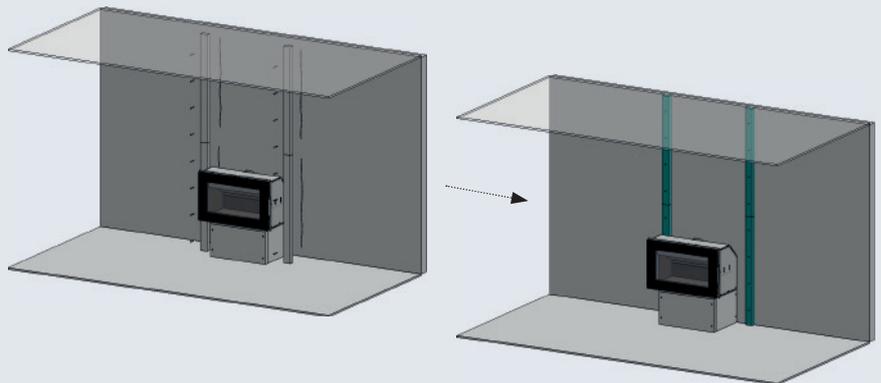
Do your chimney work before moving on.



Mounting step 3: Assemble skeleton

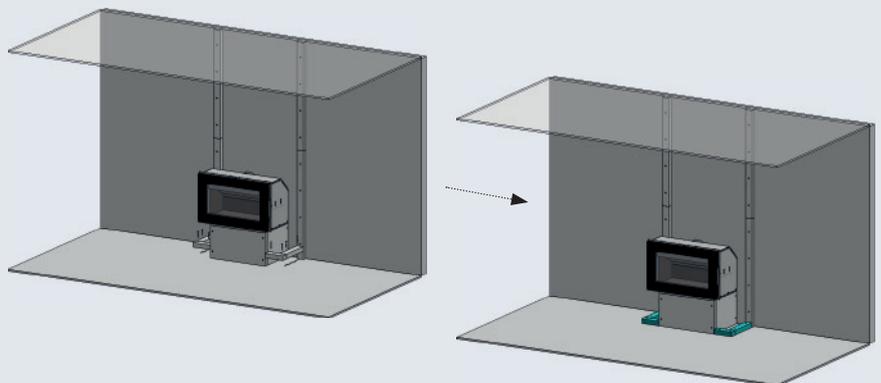
3.1: Mount the 50×80mm strips on the backwall.

Apply a line of SkamoEnclosure Glue, fastening the strips with SkamoEnclosure Torx.



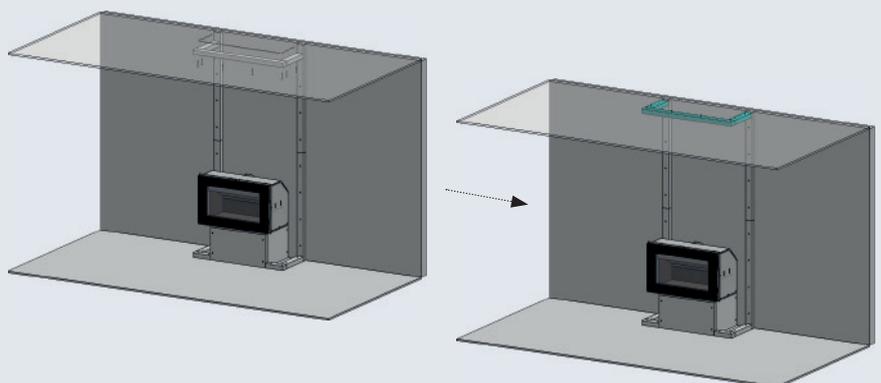
3.2: Mount the 50×80mm strips on the floor.

Apply a line of SkamoEnclosure Glue, fastening the strips with SkamoEnclosure Torx.



3.3: Mount the 50×80mm strips in the ceiling.

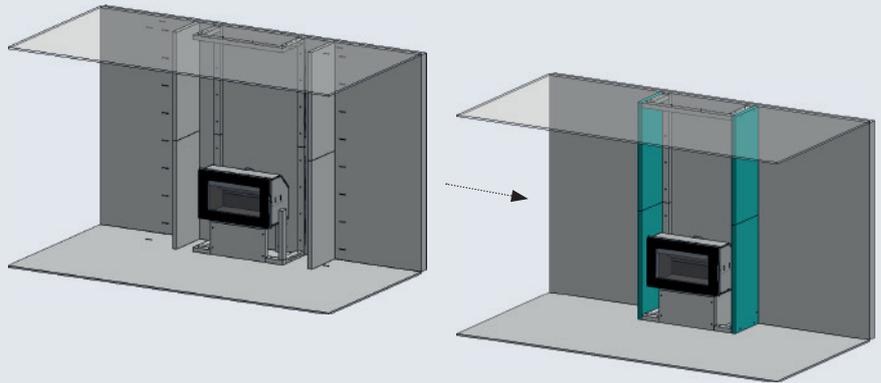
Apply a line of SkamoEnclosure Glue, fastening the strips with SkamoEnclosure Torx.



Mounting step 4: Finish frame

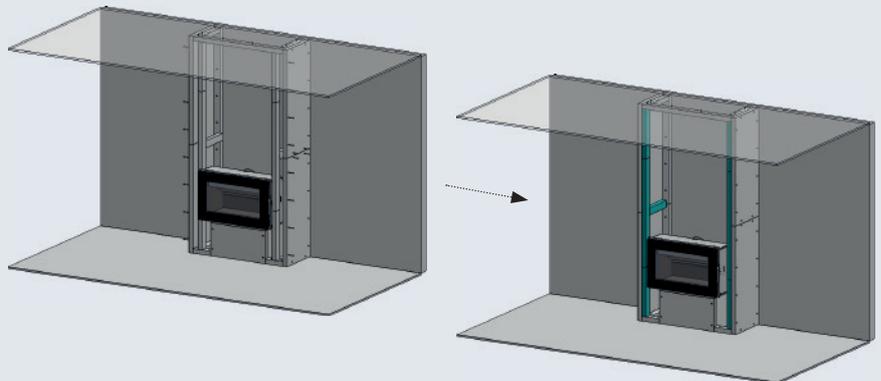
- 4.1:** Mount the side boards on the frame.

Apply a line of SkamoEnclosure Glue, fastening the side boards with SkamoEnclosure Torx.



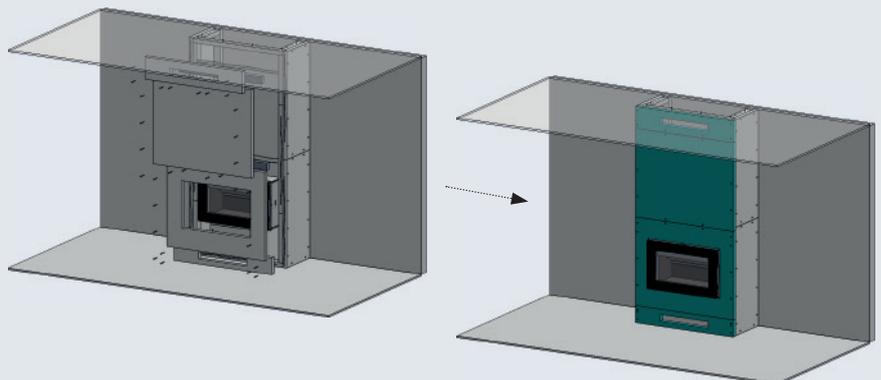
- 4.2:** Mount the strips in the front to finish the frame.

Apply a line of SkamoEnclosure Glue, fastening the strips with SkamoEnclosure Torx.



- 4.3:** Mount the front, use a 50×80mm strip on the backside where the boards are joined together.

Apply a line of SkamoEnclosure Glue, fastening the front boards with SkamoEnclosure Torx.



Mounting step 5: Prime boards

The SkamoEnclosure Primer is applied on the side of the SkamoEnclosure Board where SkamoEnclosure Smooth Plaster or SkamoEnclosure Structural Plaster will be applied

SkamoEnclosure Primer is ready to use.



1 SkamoEnclosure Primer is ready to use.



2 Apply SkamoEnclosure Primer on the surface of the SkamoEnclosure Board where the plaster is to be applied.



3 Plaster can be applied approximately 30 minutes after applying SkamoEnclosure Primer.

- A** Remove dust from the surface of the SkamoEnclosure Board.
- B** SkamoEnclosure Primer is ready to use. Apply SkamoEnclosure Primer on the SkamoEnclosure Board in an even layer with a brush, roller or sprayer.
- C** You can easily see when the SkamoEnclosure Board is saturated with SkamoEnclosure Primer.
- D** Approximately 30 minutes after applying SkamoEnclosure Primer, the SkamoEnclosure Board is ready for the SkamoEnclosure Smooth Plaster or SkamoEnclosure Structural Plaster to be applied.

Mounting step 6: Protect boards

SkamoEnclosure Joint Tape is used as a protector at joints. SkamoEnclosure Corner is used as a protector at corner joints. SkamoEnclosure Mesh is used as a protector on surfaces.

The products can easily be shortened to the desired length with a nipper or scissor.

All the products expand in the same way as the SkamoEnclosure Board, thereby avoiding cracking in the plaster.



1 Place SkamoEnclosure Joint Tape.



2 Apply the plaster where SkamoEnclosure Corner is used.



3 Even out excess plaster.

- A** SkamoEnclosure Joint Tape is placed on joints.
- B** Apply a thin layer of SkamoEnclosure Structural Plaster or SkamoEnclosure Smooth Plaster, where SkamoEnclosure Corner is used.
- C** Press SkamoEnclosure Corner into the plaster.
- D** Excess plaster is evened out with a putty knife.
- E** Apply a thin layer of SkamoEnclosure Smooth Plaster or SkamoEnclosure Structural Plaster, where SkamoEnclosure Mesh is used.
- F** Press SkamoEnclosure Mesh into the plaster. Overlap splicing 10cm.
- G** Excess plaster is evened out with a putty knife.
- H** After 30 minutes, SkamoEnclosure Smooth Plaster or SkamoEnclosure Structural Plaster can be applied to the entire surface.

Mounting step 7: Plaster boards

Both SkamoEnclosure Smooth Plaster and SkamoEnclosure Structural Plaster are used as finishing.

To ensure an even surface, it is important that the SkamoEnclosure Board, tools, mixing baskets and water are free of dust and foreign objects of any kind.

It is not recommended to light the fireplace until the SkamoEnclosure Smooth Plaster is fully hardened.



1 Mix the plaster with water according to the stated mixing ratio.



2 Apply the plaster in an even layer thickness.



3 Within 4 to 5 days, the plaster is hardened and the fireplace can be used.

SkamoEnclosure Smooth Plaster

- A** SkamoEnclosure Smooth Plaster is mixed in the ratio of 5.5 to 6.5L water per 15kg bag.
- Pour 4L water into a mixing bucket
 - Stir vigorously and add the entire content of the SkamoEnclosure Smooth Plaster bag (15kg)
 - Add the remaining 1.5 to 2.5L of water to the mixture until the desired consistency is achieved
 - Mix vigorously for at least 5 minutes
 - Let the mixture rest for 10 to 15 minutes and mix again until the mixture is completely softened and free of bubbles.
 - After mixing, SkamoEnclosure Smooth Plaster can be used for 30 to 60 minutes.
- B** SkamoEnclosure Smooth Plaster is applied to the SkamoEnclosure Board with a notched trowel to achieve an even layer thickness (1.5 to 3mm). The plaster is then straightened.
- C** The fireplace can be used after hardening (4 to 5 days at 20°C).

SkamoEnclosure Structural Plaster

- A** SkamoEnclosure Structural Plaster is mixed in the ratio of 4.7 to 4.9L water per 18kg bag:
- Pour 3L of water into a mixing bucket
 - Stir vigorously and add the entire content of the SkamoEnclosure Structural Plaster bag (18kg)
 - Add the remaining 1.7 to 1.9L of water to the mixture until the desired consistency is achieved
 - Mix vigorously for at least 5 minutes
 - After mixing, SkamoEnclosure Structural Plaster can be used for 30 to 60 minutes.
- B** SkamoEnclosure Structural Plaster is applied to the SkamoEnclosure Board with a notched trowel to achieve an even layer thickness (2 to 8mm). The plaster is then straightened.
- C** The fireplace can be used after hardening (4 to 5 days at 20°C).

All in one

One safe system, improved working environment
and easy mounting.

Learn more at www.skamol.com