Mounting instructions for fireplace enclosure

One
system

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

Mortar	Reinforcement mesh	Plaster (coarse-grained)
Insulation board (lightweight)	Corner protector (metal)	Screw (torx)
Corner protector (PVC)	Wall plug	Insulation board
Glue	Primer	
Glue pistol	Screw	
Joint tape	Plaster (fine-grained)	

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 Skamol Torx, and apply a line of Skamol Glue where the boards are assembled.

1 Reinforce SkamoEnclosre Board joints, using Skamol Glue.
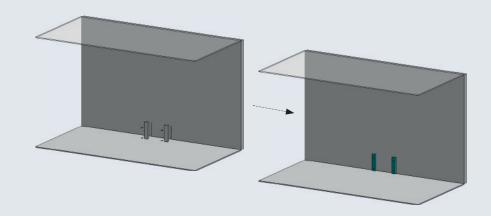

2 Skamol Glue Pistol can be used.

3 Use Skamol Torx spaced 250 to 350mm apart.

A To ensure a strong construction, a combination of Skamol Torx and Skamol Glue are used at joints between the SkamoEnclosure Board.

B Remove dust from the surface of the SkamoEnclosure Board.

C Skamol Primer is ready to use. Apply Skamol 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 Skamol Primer.

E Approximately 30 minutes after applying Skamol Primer, the SkamoEnclosure Board is ready for the Skamol Glue.

F Apply Skamol Glue at the top of the SkamoEnclosure Board in an even layer.
Skamol Glue Pistol can be used.

G Push the SkamoEnclosure Boards in place. Remember Skamol Glue binds quickly.

H There is no curing time when the SkamoEnclosure Boards are glued.

I Remove the excess Skamol Glue liquid with a wet cloth. Remove the hardened Skamol Glue with a putty knife.

J Use Skamol Torx spaced 250 to 350mm apart.

K It is not necessary to pre-drill the SkamoEnclosure Board.
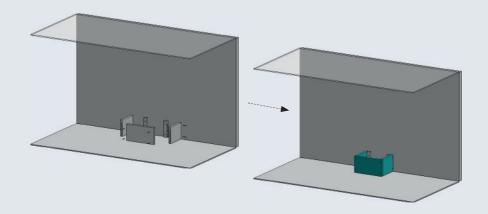
Mounting step 1:
Assemble fireplace base

1.1: Mount two 50×80mm strips at the backwall to fasten and secure the base.
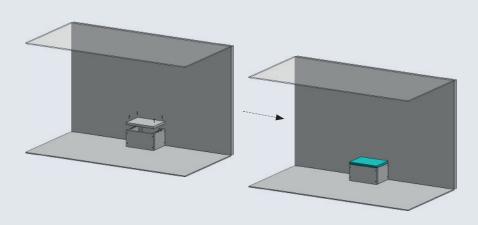
Note: Make sure the vertical supports are placed directly under the feed of the fireplace.

1.2: Mount the sides and the front of the base using Skamol Glue and Skamol Torx.

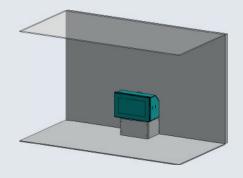**1.3:** Mount the top of the base using Skamol Glue and Skamol Torx.

Mounting step 2:
Position fireplace

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

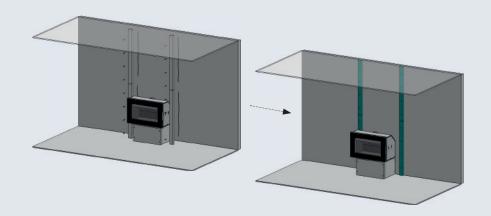Note: Always follow the manufacturer's instruction on distance clearance to a flammable wall.

Do your chimney work before moving on.

Mounting step 3:
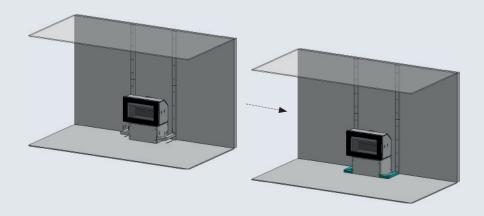## Assemble skeleton

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

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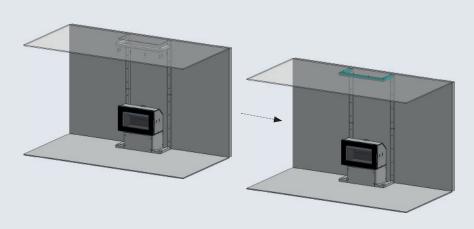

3.2:   Mount the 50×80mm strips on the floor.

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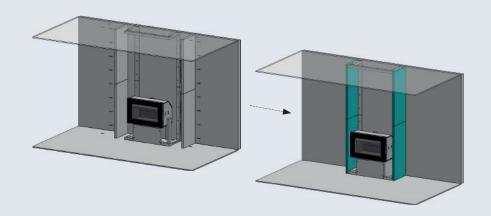

3.3:   Mount the 50×80mm strips in the ceiling.

Apply a line of Skamol Glue, fastening the strips with Skamol Torx.
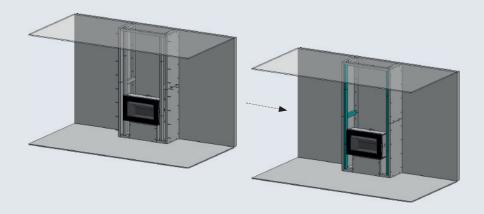
Mounting step 4:
Finish frame

4.1: Mount the side boards on the frame.

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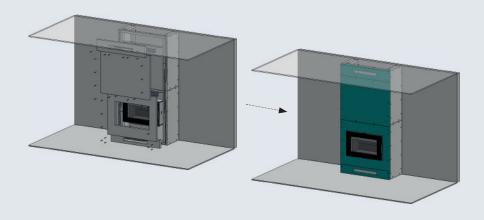

4.2: Mount the strips in the front to finish the frame.

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

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

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

Mounting step 5:
Prime boards

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

Skamol Primer is ready to use.

1 Skamol Primer is ready to use.

2 Apply Skamol 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 Skamol Primer.

A Remove dust from the surface of the SkamoEnclosure Board.

B Skamol Primer is ready to use. Apply Skamol 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 Skamol Primer.

D Approximately 30 minutes after applying Skamol Primer, the SkamoEnclosure Board is ready for the Skamol Smooth Plaster or Skamol Structural Plaster to be applied.

Mounting step 6:
Protect boards

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

The products can easily be is 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 Skamol Joint Tape.

2 Apply the plaster where Skamol Corner is used.

3 Even out excess plaster.

A Skamol Joint Tape is placed on joints.

B Apply a thin layer of Skamol Structural Plaster or Skamol Smooth Plaster, where Skamol Corner is used.

C Press Skamol Corner into the plaster.

D Excess plaster is evened out with a putty knife.

E Apply a thin layer of Skamol Smooth Plaster or Skamol Structural Plaster, where Skamol Mesh is used.

F Press Skamol Mesh into the plaster. Overlap splicing 10cm.

G Excess plaster is evened out with a putty knife.

H After 30 minutes, Skamol Smooth Plaster or Skamol Structural Plaster can be applied to the entire surface.
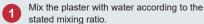
Mounting step 7:
Plaster boards

Both Skamol Smooth Plaster and Skamol 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 Skamol 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.

Skamol Smooth Plaster

A Skamol 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 Skamol 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, Skamol Smooth Plaster can be used for 30 to 60 minutes.

B Skamol 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).

Skamol Structural Plaster

A Skamol Structural Plaster is mixed in the ratio of 3.6 to 4.1L water per 20kg bag:

- Pour 2.5L of water into a mixing bucket
- Stir vigorously and add the entire content of the Skamol Structural Plaster bag (20kg)
- Add the remaining 1.1 to 1.6L of water to the mixture until the desired consistency is achieved
- Mix vigorously for at least 5 minutes
- After mixing, Skamol Structural Plaster can be used for 30 to 60 minutes.

B Skamol 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