flexim®
Roof Putty®

Manufacturer: Flexim International bv • Postbox 85 • NL-1700 AB Heerhugowaard • The Netherlands • E-mail : flexim@flexim.nl

1

2

3

Ready-to-use   Lightweight

Instantly waterproof   Time saving

Permanently flexible   Choice of colours

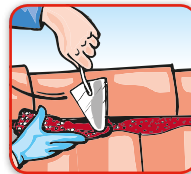**Stormproof**   Tested and certified

Installing ridge caps and hip tiles
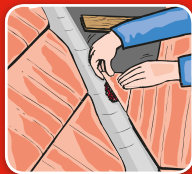
Adhering tiles or tile pieces to valleys

Adhering tiles to roof windows

Repairing loose tiles

Repairing torn lead flashing

Sealing of corrugated roofs

MOST INNOVATIVE PRODUCT IN SHOW
WINNER
ROOFEX 2013
BIRMINGHAM UK
FLEXIM ROOF PUTTY

CE

www.fleximroofputty.com

MIAMI·DADE COUNTY
APPROVED

2014

flexim® *Roof Putty*

Flexim Roof Putty is a ready-to-use, stormproof synthetic mortar that stays flexible. Since its introduction in 1984, Flexim Roof Putty has built a strong reputation and has been used on over 4 million roofs worldwide.

Flexim Roof Putty is the proud winner of numerous industry awards, including the prestigious 'Most Innovative Product in Show' award at Roofex 2013. It has proven itself to be an extremely reliable tile adhesive and the best alternative to conventional mortar.

Flexim Roof Putty can be used for new build, re-roofing, repairs and sealing onto concrete, clay and other types of tile, including natural and fibre cement slate.

After installing, Flexim Roof Putty is instantly waterproof and will always retain it's flexibility. Flexim Roof Putty is unaffected by the contraction or expansion of the roof or by any uplift from wind on the tiles.

Why Flexim?

- Ready-to-use
- Lightweight
- Time saving
- Instantly waterproof
- Permanently flexible
- Stormproof
- Choice of colours
- Tested and certified

Tested and certified

Flexim Roof Putty has been comprehensively tested by independent testing organisations. Adhesion and elasticity tests, which included intensive weathering trials, were conducted using several types of tile and slate. Flexim Roof Putty also holds the USA Miami Dade certificate, achieving successful test results at wind speeds of 110 miles per hour.

CE

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SUITABLE FOR ALL PITCHED ROOFING PROJECTS

Adhering ridge caps and hip tiles

1 Remove the lightweight, ready-to-use Flexim strips from the packaging. Use the cover to carry the strips onto the roof.

2 Mark the position of the butt joint with a piece of chalk.

3 Apply Flexim along tile or slate, using the gloves provided. Important: Make sure the joints are completely filled with Flexim.

4 Press ridge-cap, with clean hands, firmly down into the centre of the bar, ensuring that Flexim is both inside and outside of the ridge-cap. Keep the joints as tight as possible.

5 Trowel off all excess Flexim with your putty knife. This can be used to secure the next ridge tile in place. Smooth out the Flexim until an even finish is achieved.

6 Use a spatula, pointing trowel or your finger to tidy up joints. Immediately after use, clean hands, tools and any contamination on the tiles with a dry cloth. Ensure that ridge tiles are also mechanically fixed in accordance with NHBC recommendations and manufacturer's instructions.
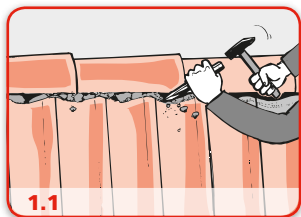
Repairing ridge caps and loose tiles

5 cm   5 cm
90°   90°
2 cm   2 cm
Keep the joints as tight as possible.
RIGHT
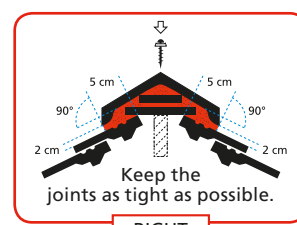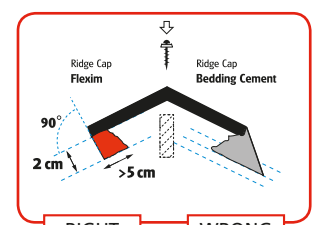
Ridge Cap **Flexim**   Ridge Cap **Bedding Cement**
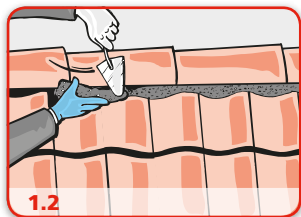90°
2 cm
>5 cm
RIGHT   WRONG

Repairing fixed ridge caps with a porous cement layer

1.1

1.2

PREPARATION

Carefully remove all sections of porous cement using a hammer and a stone chisel. Allow a minimum of 3 cm adhesion space for the application of the Flexim. Using the gloves provided, remove a Flexim bar from the packaging.
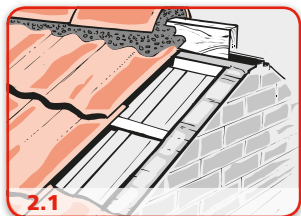
METHOD

With the aid of a trowel or spatula push the Flexim down into the space that has been cleared for adhesion. Mechanically fix in accordance with NHBC recommendations and manufacturer's instructions.

Installing or securing side wall tiles

2.1

2.2

PREPARATION
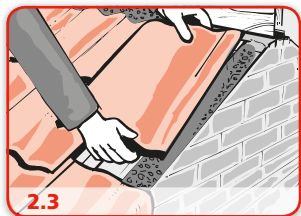
Ensure a clean, dry foundation.

METHOD

Using the gloves provided remove the Flexim bars from the packaging and apply to the outside wall.
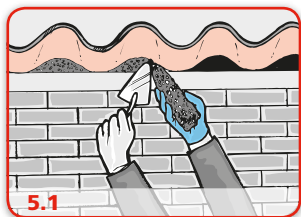

2.3

2.4

Apply the side wall tiles to the outside wall.

Press the side wall tile firmly down into the Flexim.

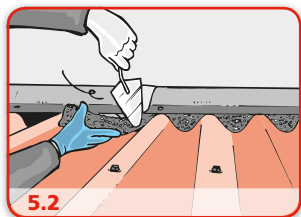## Waterproof sealing of corrugated roofs
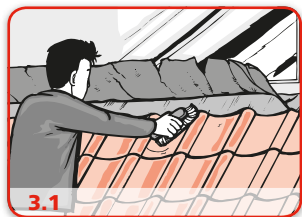

5.1

5.2

Ensure a clean, dry foundation.

METHOD

Fill the corrugation rebates between the frame and the corrugated sheeting with Flexim.

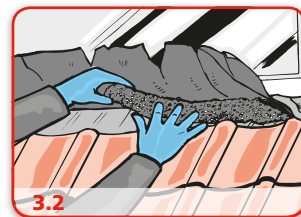Apply the Flexim between the ridge piece and the corrugated sheeting.

Repairing torn lead flashing

3.1

3.2

PREPARATION

The torn lead flashing and the foundation must be clean and dry.

METHOD

Using the gloves provided, remove a Flexim bar from the packaging and apply it to the underlying roof construction beneath the torn lead.

Adhering tiles or tile pieces to valleys

4.1

4.2

Ensure a clean, dry foundation.

METHOD

Using the gloves provided, remove a Flexim bar from the packaging and position it squarely where the tile section is to be applied.

Press the tiles firmly down into the Flexim.
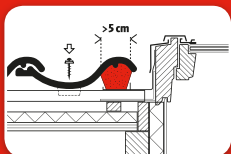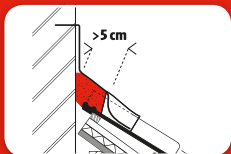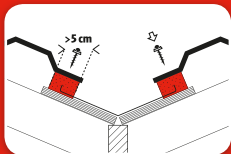
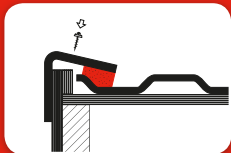Smooth out the Flexim until an even finish is achieved.

Please note:
- Always read the instructions before use.
- When applied in high humidity and temperatures below 5 degrees Celcius a protective skin will be formed only after 8 to 10 days.
- Never apply in continuous rainfall or on wet tiles.
- Do not hang roof ladders on ridge caps.
- Always use hook ladders.
- Not for internal consumption.
- Keep away from children.
- Not for decoration purposes.
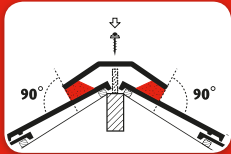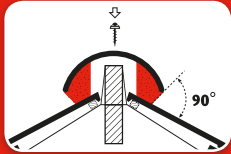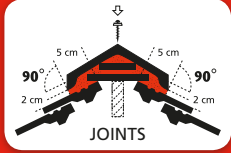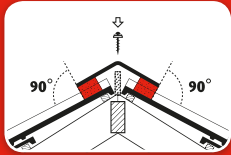- Apply Flexim Roof Putty continuously along edges, with solid bedding at butt joints as shown.
- To reduce excess use of Flexim in butt joints use pieces of broken tiles/slates.
- Keep the joints as tight as possible.
- Use mechanical fixings in accordance with NHBC recommendations and manufacturer's instructions.
- Pitched roofs incorporating Flexim Roof Putty should be installed in accordance with the British Standard for Slating and Tiling (BS 5534).
- Always trowel off all excess Flexim Roof Putty with a putty knife, to achieve a smooth finish.

Clean up!
- Remove any remnants of the Flexim Roof Putty from the ridge caps, hands, tools or the roof tiles with a dry cloth.
- If necessary, use a little turpentine.

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Technical information

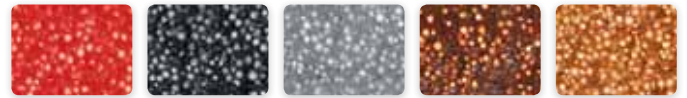|		
Product	**1**	Flexim Roof Putty is a flexible, high-grade thixotropic Roof Putty.
Composition	**2**	Flexim Roof Putty is based on linseed oil putty with featherweight CFC-free polystyrene and fibrous material.
Field of application	**3**	Adhesive for ridge caps, hips, valleys and roof windows.
Packaging	**4**	10 strips per box, total weight approx. 9 kg.
Accessories	**5**	Flexim Putty knife, Flexim Finishing knife and Flexim Finishing knife holster.
Colours	**6**	Available in red, black, grey, dark-brown and light-brown. Special colours on request.
Application	**7**	One box contains ten ready-to-use strips. The coverage of each box ranges from 3 to 7 metres, depending on the profile of the tile.
Odour	**8**	Minimal.
Toxicity	**9**	None.
Operating temperature	**10**	Tested from - 25 °C to + 80 °C.
Corrosion	**11**	None.
Hazard classification	**12**	Not applicable.
Fire	**13**	Auto ignition temperature > 300 °C
Guidelines	**14**	US Metro Dade PA 100-95, FBC, NEN 6707/Bb.
CE	**15**	Year CE 2013. ID Code HS 3214 9000. Cert. Nr. 010713/FLE/01. Standard EN 15824:2010.
Storage	**16**	Inside.
Stacking	**17**	No more than 12 boxes stacked.
Shelf life	**18**	In closed strip-packaging a maximum of two years.
Strip-packaging	**19**	The ECO-films for Flexim Roof Putty contain no heavy metals or plasticizers and may be incinerated without producing harmful chemicals. They remain neutral.
Packaging box	**20**	The packaging box is disposable (recyclable material).
Warranty	**21**	The manufacturer warrants Flexim Roof Putty as a sealing and adhesive material. Liability under this warranty is limited to the price of the product as purchased.
		This guarantee applies exclusively where Flexim Roof Putty is applied as sealing product for ridge or hip tiles (both ceramic and concrete) when applied in accordance with the instructions in the leaflet.

www.fleximroofputty.com