

TERRA-flex



TERRA-flex **High-Quality Material** **For Roofing + Cladding**

An innovative Product
for Traditional as well as
modern Buildings

TERRA-flex

The new Generation of high class products for roofing + cladding

The use of natural resources for roofing + cladding continued for many millennia. Roofing with natural beauty became a typical “geographical” feature of many regions + countries - all over the world.

The combination of the roofer’s outstanding craftsmanship and the excellent characteristics of natural slates gave such buildings a unique and unmistakable appearance.

All requirements for roofing + cladding could be realised by one material only.

To continue these traditions is the objective of **TERRA-flex** – moreover to create and develop the future performance of roofing by a highly advanced and innovate technique is our aim.

TERRA-flex Slates + Tiles for roofing offers a wide variety of colours – almost any requested or required colour can be provided.

TERRA-flex helps maintain + traditional effects keeping and developing very unique styles for modern buildings as well.



TERRA-flex is a high-grade ultra advanced material for the achievement of the most demanding standards. The material meets every quality criteria and enables roofers to create beautiful styles and applications.

TERRA-flex save the natural resources and is a 100 % recycle able

TERRA-flex an Innovative Product for Traditional as well as modern Buildings

TERRA-flex

Material specifics

TERRA-flex is a patented mixture of **thermoplastic raw materials** bonded with mineral elements. Due to that combination the special and remarkable results with TERRA-flex Slates are achieved.

The high share of mineral ingredients makes sure -

TERRA-flex slates fulfil all technical requirements

- of fire classification accordingly B2 (in accordance to DIN 4102 Part 1) of a so-called "solid roofing", and are resistant against fire and UV radiation and heat for unlimited inclination of roof (in accordance of DIN 4102 Part 7).
- They are more weatherproof than any other Synthetics are and for stable forms as well.

By using thermoplastic material within the mixture **TERRA-flex** Slates becomes

- highly shockproof and also provides excellent resistance to heat and cold and to the growth
- of moss or lichen
- As a result of all it's proven attributes it is coast affective in all facets of construction.

TERRA-flex saves natural resources and environment as well - **100 % recyclable.**

TERRA-flex - an Innovative Product for Traditional as well as Modern Buildings

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Laying **TERRA-flex** Rectangular Sheets REC

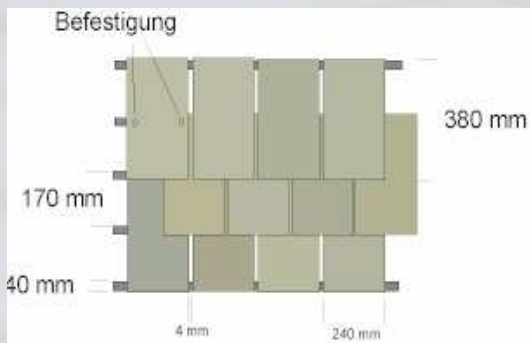


TERRA-flex Rectangular shingle

TERRA-flex Rectangular Shingle

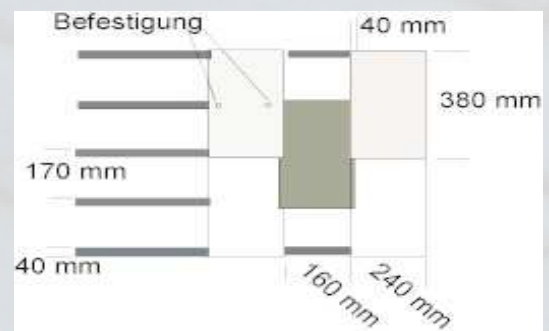
- 240 mm x 380 mm x 4,5 mm
- Minimum Inclination of roof 12°
- Packaging Unit: 1 Bundle = 30 Pieces

Double Laying Form

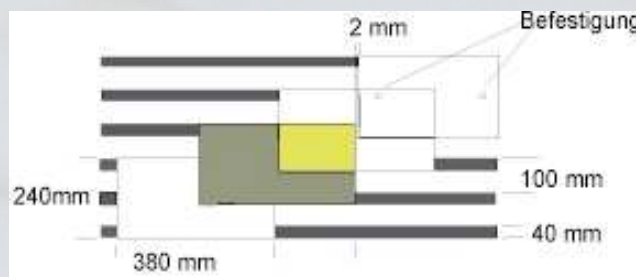


Requirements per sm^2
26 Shingles Roofing
(incl. 5% Losses)

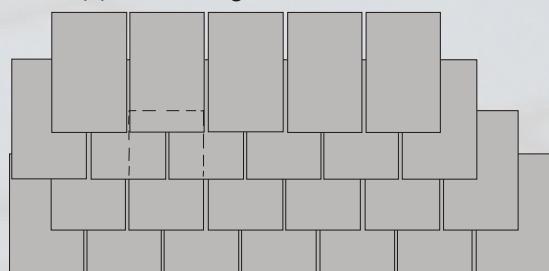
Vertical Open Laying Facades



Requirements per sm^2
15 Shingles Facading
(incl. 5% Losses)

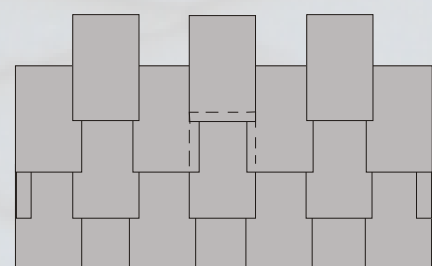


Doppeldeckung Rechteck Hochkant



Überlappung 23 cm Ca. 26 Stück / m^2

Gezogene Doppeldeckung Rechteck Hochkant



Überlappung 23 cm Ca. 15 Stück / m^2

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Laying TERRA-flex SLATE

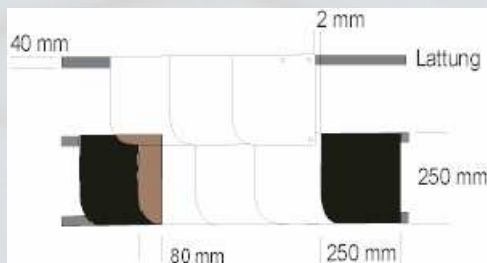


TERRA-flex Slates right

TERRA-flex Slates Form Style right and left:

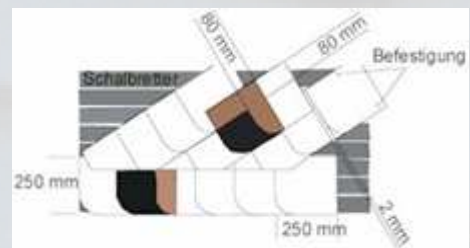
- 250 mm x 250 mm x 4,2 mm
- Minimum Inclination of roof 12°
- Packaging Unit: 1 Bundle = 30 Pieces

Horizontal laying



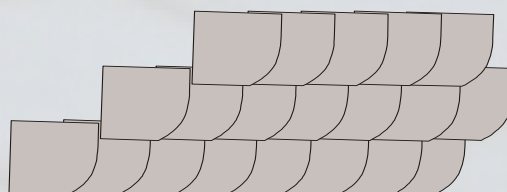
Requirements per sm^2
28,1 Slates Facading
(incl. 5% Losses)

Diagonal Laying



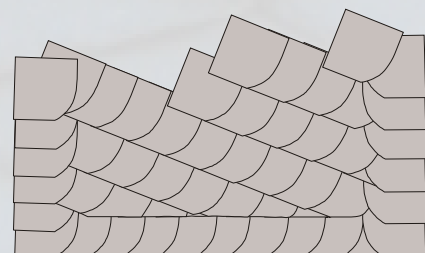
Requirements per sm^2
36,5 Slates diagonal laying
(incl. 5% Losses)

Wandverkleidung



Ca. 28 Stück / m^2

Gebindesteigung
mit Ortgang
aus Bogenschnitt
rechts und links.



Ca. 35 Stück / m^2

TERRA-flex

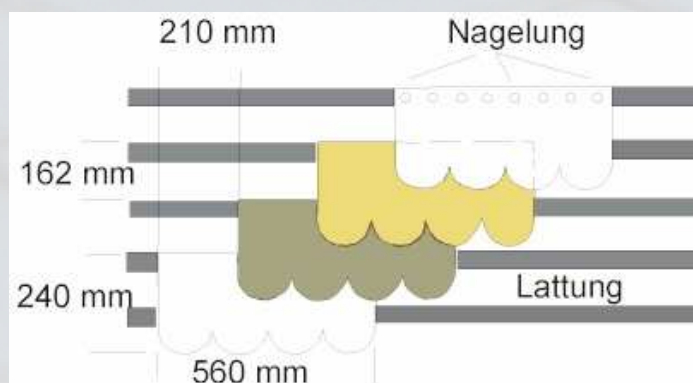
Laying of Beaver Tiles BT



Beaver Panel with 4 modules

TERRA-flex Beaver Panel with 4 modules:

- 240 mm x 560 mm x 15 mm
- Minimum Inclination of roof 12°
- Packing Unit: 1 Bundle = 16 Pieces



Requirements per sm^2

10,5 Panels

(incl. 5% Lossees)



Ridge Cape Beaver Panel

TERRA-flex Ridge Cape for Beaver Panel

- 400 mm x 160 mm x 80 mm
- Fixing Screws incl. Seal Washer