

Planning documents  
Surface design

## Triflex Creative Design





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# Triflex Creative Design

## Applications



**Triflex Creative Design** is a system surface design for balconies, terraces and loggias. The proven waterproofing and coating systems from Triflex can be enhanced with many different surface patterns, textures, details and colour features. Whether it's for the private or public spaces – there are no limits to the creative design possibilities with liquid applied waterproofing when reproducing tile patterns, signets, logos, borders or individual motifs.

### Hard-wearing and attractive surfaces – always impermeable

Waterproofing not only extends the life of buildings, but is also indispensable when it comes to protecting occupied rooms. Balconies, walkways and loggias are some of the most exposed components of building construction. Without the appropriate functional waterproofing, there is a risk of structural damage. It does not have to be this way.

Triflex has more than 45 years of experience in building refurbishment. With Triflex Creative Design you can add creative finishes to visually enhance our durable waterproofing and coating systems.



## Advantages at a glance

### Creative design

Colours, shapes and finishes can be combined almost any way you like. From "tile design" to individually designed ornaments and patterns, with Triflex FloorTattoos you can create visually attractive Triflex surfaces. Virtually any geometry can be created with the unique foil technology.

### Reliable solution for representative surfaces

Triflex Creative Design, unlike tiles, is frost-resistant. Moisture cannot penetrate into cracked joints. Moss growth is also prevented.

### Ideal for refurbishments

Surface design with Triflex Creative Design only requires a few millimetres of build-up height and has a low additional mass per unit area. Surfaces created with Triflex Creative Design can simply be reworked and re-designed without a great deal of effort.

### Short closure periods

Triflex Creative Design has short curing times. The surface design combines the benefits of modern PMMA resin technology with the design appeal of traditional materials.

### Easy-care

All surfaces can be kept clean quickly and easily using conventional methods.





## Laying methods for Triflex Design Sheet and Triflex FloorTattoo



### Positive laying method

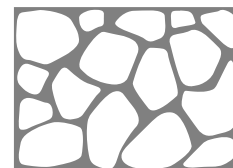
Triflex FloorTattoo is applied to the surface colour and sealed with the selected decorative colour. After the curing period, the sheet is removed. The pattern remains in place, creating a positive relief.



Application sheet  
Triflex FloorTattoo Leaves

### Negative laying method

Triflex Design Sheet is applied to the substrate colour, which also forms the subsequent joint colour. The finish colour is applied on top across the entire surface. The sheet is removed after the curing period, leaving an indentation. The finished pattern thus forms a negative relief.



Application foil  
Triflex Design Sheet Quarry Stone



## Compatible system components

All the Triflex products mentioned in this system are carefully coordinated on the basis of laboratory testing and years of experience. This standard of quality ensures optimum results during both application and use.



# Triflex Creative Design

## System description

### Properties

- Triflex Creative Design is a coloured, decorative surface finish with a tile effect, or other freely configurable patterns.
- Triflex Creative Design is used in combination with the surface variants Triflex Micro Chips or Triflex Colour Design.
- Triflex Creative Design is applied to the wearing layer or coating of the Triflex BTS-P or Triflex BFS system.

### System build-up

#### Positive laying method

##### Substrate

Triflex BTS-P waterproofing system or Triflex BFS coating system

##### Surface colour

Finish with Triflex Cryl Finish 205

##### Application foil

Triflex FloorTattoo

##### Motif colour

Finish with Triflex Cryl Finish 205

Surface (result)

Motif colour

Application foil

Surface colour

Substrate

#### Negative laying method

##### Substrate

Triflex BTS-P waterproofing system or Triflex BFS coating system

##### Joint colour

Finish with Triflex Cryl Finish 205

##### Application foil

Triflex Design Sheet or Triflex FloorTattoo

##### Surface colour

Finish with Triflex Cryl Finish 205

Surface (result)

Surface colour

Application foil

Joint colour

Substrate

### System components

Triflex Creative Design is a system for surface design on the Triflex BTS-P waterproofing system and the Triflex BFS coating system. It is applied to the respective wearing layer or coating. Refer to the respective system description for information on the system build-up of the respective system.

#### Important:

Triflex Creative Design cannot be combined with the surface variants "Dressing, fine" (R 11), "Dressing, coarse" (R 12) or the Triflex Stone Design system.

### Finishing

Junctions and transitions can also be treated with Triflex Creative Design. All vertical junctions, transitions and details must be finished prior to the surface finishing with thixotropic Triflex Cryl Finish 205. The product is thickened by the in-situ addition of 1 % by weight Triflex Liquid Thixo.

The joint and surface colours can be freely selected. Refer to the "range of colours" colour cards for colours. Further designs, logos and appearances are also possible with this method, and can be viewed in the Triflex Creative Design overview of motifs. Speak to your Triflex representative. He/she will be happy to help.



## System description

### Important:

1. For Triflex Design Sheet only the negative laying method must be used.
2. Once Triflex Cryl Finish 205 has been applied, it is essential to ensure that the surface is kept free of contaminants (e.g. from dirty footwear or tools).
3. Protect the surface from all types of precipitation during the entire procedure. If weather conditions are unpredictable, the surface should be adequately covered.
4. Any load on the surfaces by objects (e.g. flower pots, parasol bases, doormats etc.) must be avoided for min. 7 days following completion.

### "Chips Design" (R 9) surface – negative laying method:

- 1. Triflex Cryl Finish 205 (joint colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be recoated after approx. 1 hr.
- 2. Triflex Design Sheet/Triflex FloorTattoo**  
Cut the application foil to size for the relevant area and apply it in accordance with the instructions for use.
- 3. Triflex Cryl Finish 205 (surface colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.
- 4. Triflex Micro Chips**  
Use a funnel spray gun to apply to the fresh finish.  
Consumption: min. 0.05 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be walked on after approx. 1 hr.
- 5. Triflex Design Sheet/Triflex FloorTattoo**  
Remove the application foil.

### "Chips Design" (R 9) surface – positive laying method:

- 1. Triflex Cryl Finish 205 (surface colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.
- 2. Triflex Micro Chips**  
Use a funnel spray gun to apply to the fresh finish.  
Consumption: min. 0.05 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be walked on after approx. 1 hr.
- 3. Triflex FloorTattoo**  
Apply the selected application foil in accordance with the instructions for use.
- 4. Triflex Cryl Finish 205 (decorative colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be recoated after approx. 1 hr.
- 5. Triflex FloorTattoo**  
Remove the application foil.

### "Colour Design" (R 10) surface – negative laying method:

- 1. Triflex Cryl Finish 205 (joint colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be recoated after approx. 1 hr.
- 2. Triflex Design Sheet/Triflex FloorTattoos**  
Cut the application foil to size for the relevant area and apply it in accordance with the instructions for use.
- 3. Triflex Cryl Finish 205 (surface colour)**  
Apply evenly and cross-coat using a Triflex Finish Roller.  
Consumption: min. 0.50 kg/m<sup>2</sup>.
- 4. Triflex Colour Mix (surface colour)**  
Use a funnel spray gun with special attachment to apply generously and evenly to the fresh finish. Once the finish is cured (approx. 2 hrs at 20 °C), carefully brush off any surplus and wait for another hour.  
Volume min. 0.80 to 1.00 kg/m<sup>2</sup>.
- 5. Triflex Cryl Finish Satin**  
Apply evenly to the dressed surface using a Triflex Finish Roller and cross-coat to smooth out.  
Consumption: min. 0.35 kg/m<sup>2</sup>.  
Allow the finish to cure.  
Can be walked on after approx. 1 hr.
- 6. Triflex Design Sheet/Triflex FloorTattoo**  
Remove the application foil.



## System description

### Conditions for use

When applying the Triflex Design Sheet or Triflex FloorTattoos, temperatures must be as constant as possible. At the same time, the substrate temperature must not drop below +10 °C or exceed +30 °C.

### Work interruptions

The finish must be applied to the respective wearing layer within 24 hrs. If this application is delayed for any reason, the surface to be finished must be pre-treated with Triflex Cleaner. Airing time: min. 20 min.

### Product information

For information on applications, conditions for use and instructions for mixing, see product information (request if necessary):

**Triflex Cleaner**  
**Triflex Colour Mix**  
**Triflex Cryl Finish 205**  
**Triflex Cryl Finish Satin**  
**Triflex Design Sheet**  
**Triflex FloorTattoo**  
**Triflex Liquid Thixo**  
**Triflex Micro Chips**

### Quality standard

All Triflex products are manufactured in accordance with the standards defined in ISO 9001. To ensure quality of workmanship, Triflex products are only installed by fully trained and qualified specialist contractors.

### Gradient / Evenness

Before applying the pattern or decoration, and during application, always ensure the correct gradient and evenness of the substrate. In order to ensure the drainage of rainwater and to avoid puddles, we recommend a gradient of min. 1.5 % on balconies in accordance with DIN 18531-5 and of min. 2.0 % on used roof areas in accordance with DIN 18531-1 and the technical rules for waterproofing systems. Any corrections required must be taken into account during this work.

### Dimensional tolerances

When carrying out the work, always ensure compliance with the permissible tolerances for building construction (DIN 18202, Table 3, line 4).

### Safety tips / Accident prevention

Read the safety data sheets before using the products.

### Required consumptions / Waiting times

The volumes required apply only to smooth, even substrates with a maximum roughness of  $R_t = 0.5$  mm.

Special allowance must be made for unevenness, roughness and porosity. Specified flash times and waiting times apply to a substrate and ambient temperature of +20 °C.

### Information about tools

The Triflex tools mentioned in the system description are a guideline for correct application of the individual functional layers with the respective volumes of product. The use of Triflex tools is not mandatory as long as correct application of the Triflex products is assured.

### General notes

The system descriptions, system drawings and product information sheets form the basis for using Triflex products, and it is essential to follow these when planning and carrying out your building project. Any deviation from the technical information provided by Triflex GmbH & Co. KG that is current at the time the work is carried out may invalidate the warranty. Any project-related deviations require written approval from Triflex.

All the information is based on general regulations, directives and other technical rules. The general regulations applicable in the particular country of use must be respected.

Since the parameters can vary from case to case, the contractor is required to test the suitability, e.g. of the substrate.

Non-Triflex products must not be used in combination with Triflex systems. Triflex reserves the right to make modifications in the interest of technical enhancement or optimisation of Triflex products.

### Tender texts

Please visit the Download section of the Triflex website at [www.triflex.com](http://www.triflex.com) to obtain the current standard specifications, which are available in a range of different file formats. Alternatively, visit the website [www.ausschreiben.de](http://www.ausschreiben.de) or [www.heinze.de](http://www.heinze.de).

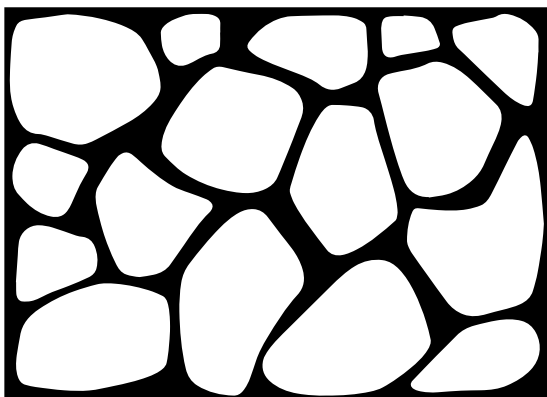
### CAD drawings

All CAD system drawings can be downloaded free of charge from the Download section of the Triflex website [www.triflex.com](http://www.triflex.com).



## System drawings

### Triflex Design Sheet – all-over motifs



Example: Triflex Design Sheet Quarry Stone

Size: 1.20 x 0.87 m

### Triflex FloorTattoo – Borders



Example: Triflex FloorTattoo Border Classic

Size: 230 x 15 cm, incl. corner piece 15 x 15 cm

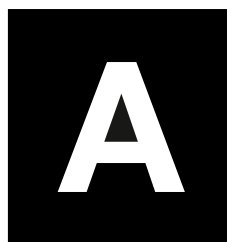
### Triflex FloorTattoo – individual motifs



Example: Triflex FloorTattoo Post Anchor

Size: 67 x 80 cm

### Triflex FloorTattoo – function



Example: Triflex FloorTattoo letter A

Size: 50 x 52 cm

#### Important:

Please refer to the "Triflex Creative Design motif overview" brochure for further motifs with Triflex Design Sheet or Triflex FloorTattoo. In order to test different motifs and surface combinations, please use our "Triflex Toolbox" app or visit our website [www.triflex.com](http://www.triflex.com).





Surface design

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## Range of colours

"Triflex Chips Design" surface







## Range of colours

"Triflex Colour Design" surface



A719 Grey



A720 Blue



A721 Grey blue



A722 Grey green



A724 Red orange



A727 Cream beige



A728 Anthracite grey



A729 Stone Red



A730 White



A731 Light grey

**Please note:**

All surfaces are displayed on a scale of 1:2.  
Minor variations between the colour shown here and the actual colour are due to printing technology and the materials used.



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## Range of colours

### Joint colours

						
2052 Amber 01	8088 Marble 01	9010 Sand 01 (White)	2088 Agate 01	8094 Garnet 01	8081 Ruby 01	7091 Amethyst 01
						
2053 Amber 02	7087 Marble 02	7090 Sand 02	8091 Agate 02	8095 Garnet 02	3089 Ruby 02	3092 Amethyst 02
						
1090 Amber 03	7088 Marble 03	8089 Sand 03	8092 Agate 03	8096 Garnet 03	3090 Ruby 03	4088 Amethyst 03
						
1091 Amber 04	7089 Marble 04	8090 Sand 04	8054 Agate 04		3091 Ruby 04	
						
7040 Slate 01	5088 Azurite 01	7092 Granite 01	5091 Opal 01	7096 Malachite 01	6088 Jade 01	7035 Quartz 01
						
7037 Slate 02	5089 Azurite 02	7093 Granite 02	5092 Opal 02	7097 Malachite 02	6089 Jade 02	7032 Quartz 02
						
7043 Slate 03	5090 Azurite 03	7094 Granite 03	5081 Opal 03	7098 Malachite 03	6090 Jade 03	7030 Quartz 03
						
		7095 Granite 04	5094 Opal 04	7073 Malachite 04	6091 Jade 04	7034 Quartz 04

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**Please note:**

Minor variations between the colour shown here and the actual colour are due to printing technology and the materials used.



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