

Planning documents
Balcony waterproofing system

Triflex BTS-P





Applications



Triflex BTS-P is a premium full-surface waterproofing system reinforced with Triflex Special Fleece, which is used above occupied rooms or on surfaces at high risk of cracking, and can withstand high mechanical loads. The system, made of polymethyl methacrylate resin (PMMA), is specially developed for balconies, walkways and roof terraces and provides long-lasting protection for the structure.

Safe escape routes thanks to fire protection

The Triflex BTS-P S1 variant is a flame-retardant enhancement of the tried-and-tested Triflex BTS-P waterproofing system. Special additives have made this mechanically and chemically highly stable system flame-resistant, which means that it is ideal for walkways and escape routes. The unique Triflex BTS-S1 system is exclusively for use on mineral substrates.

Safety on balconies and roof terraces

Waterproofing not only extends the life of buildings, but is also indispensable when it comes to protecting occupied rooms. Balconies, walkways and roof terraces are amongst the most exposed components of a building construction, and the load bearing construction in particular is subject to both thermal and mechanical loads as well as other load impacts. Lack of functional waterproofing can lead to damage from moisture penetration, concrete flaking and corrosion of reinforcements. It no longer has to be this way. Triflex has more than 45 years' experience of using durable waterproofing and coating systems in the world of building refurbishment. Triflex BTS-P is a waterproofing system developed specially for balconies, walkways and roof terraces that ensures the reliable protection of load-bearing elements.



Advantages at a glance

Durable

Triflex BTS-P is a thick-layer waterproofing system with a layer thickness of approx. 4 to 5 mm, depending on the version. The waterproofing system features an integrated wearing layer and permanently withstands high mechanical point loads from tables and chairs on balconies, or pedestrian traffic on walkways.

Highly resilient with dynamic crack-bridging

The system is full-surface fleece-reinforced. This gives the material a level of flexibility that leaves it unaffected by any movement of the foundation.

Fire safety

The Triflex BTS-P S1 variant is a flame-retardant waterproofing system. The product's fire classification is graded in Class B1 (flame-retardant) according to DIN 4102 and Class C_s-s1 according to DIN EN 13501-1. The exceptional quality of the system is verified by a test certificate (abP).

Waterproof down to the smallest detail

The cured resin forms a seamless and joint-free surface. Even complicated details such as railing posts can be easily and homogeneously waterproofed using liquid application techniques.

Ideal for refurbishments

The system can be applied to virtually all substrates, is vapour-permeable and, with a surface weight of less than 10 kg/m², it is also suitable for application on existing old substrates without negatively affecting stability. This saves removal costs and time.

Short closure periods

Triflex BTS-P offers much faster curing times than systems made of EP or PUR resins. Surfaces requiring refurbishment can be fully used by residents again on the day of application.

Colours and surfaces

Surfaces can be creatively designed and finished in a range of colours using Triflex Chips Design, Triflex Colour Design and Triflex Creative Design. Non-slip surfaces can be produced with quartz sand dressings in Class R 12.

Easy-care

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

Triflex BTS-P



And this is how it's done ...



1. Prime wall junction and surface.



2. Prepare Triflex Special Fleece cut-outs.



3. First, the details are waterproofed using Triflex ProDetail.



4. Triflex Special Fleece is applied across the entire surface ensuring there are no air bubbles.



5. A second layer of Triflex ProDetail is applied.



6. The details are completely waterproofed.



7. Triflex ProTerra is applied generously to the surface.



8. Triflex Special Fleece is applied across the entire surface ensuring there are no air bubbles.



9. A second layer of Triflex ProTerra is applied.



10. The wearing layer: Spread and level out Triflex ProFloor ...



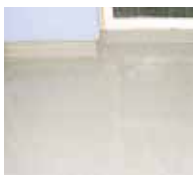
11. ... apply and spread evenly using a notched trowel.



12. Apply the finish Triflex Ceryl Finish 205 and ...



13. ... blow in Triflex Micro Chips.



14. Done!



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.

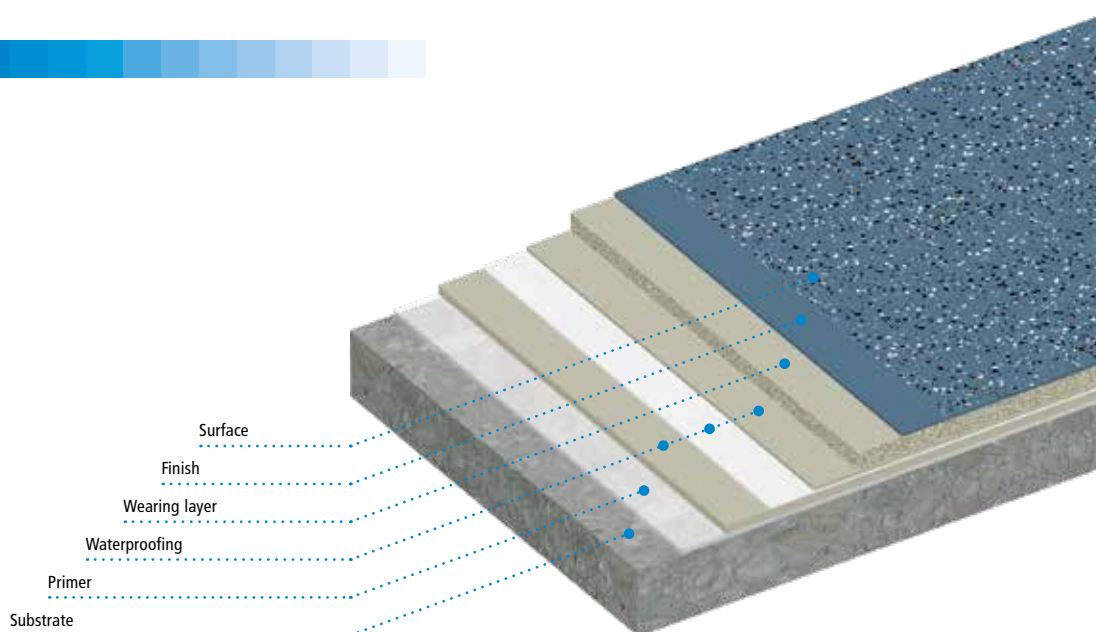


System description

Properties

- Fully reinforced waterproofing system with a polymethyl methacrylate (PMMA) base
- Withstands high mechanical loads
- Seamless
- Joint-bridging
- Flexible
- Fully bonded
- Dynamic crack-bridging properties
- Cold-applied
- Fast-curing
- Vapour-permeable
- Chemical-resistant
- Weather-resistant (UV, IR etc.)
- Surface design to specification
- Variety of colours available
- European Technical Assessment with CE mark in the highest usage categories (W3, M and S, P1 to P4, S1 to S4, TL4, TH4)
- Conforms to DIN 18531 and the ZVDH technical rule for waterproofing (German Flat Roof Guidelines)
- The Triflex BTS-P S1 variant is flame-retardant (B1 according to DIN 4102 and Class C_{fl}-s1 according to DIN EN 13501- 1)
- Can be combined with Triflex BIS balcony insulation system or Triflex ProDrain balcony uncoupling system

System build-up



System components

Primer

Triflex Primer for sealing the substrate and ensuring substrate adhesion. (see Substrate pre-treatment table if necessary)

Waterproofing

Triflex ProTerra waterproof membrane, fully reinforced with a sturdy Triflex Special Fleece made of polyester.

Wearing layer

Triflex ProFloor⁽¹⁾/Triflex ProFloor S1⁽²⁾, self-levelling and watertight thick coating.

Finish

Standard surface with Triflex Chips Design or Triflex Colour Design, non-slip system finish with quartz sand dressing. Other surface systems can be used for the creative use of colours and surface finishes.

Substrate

The suitability of the specific substrate should always be tested on a case-by-case basis. The substrate must be clean, dry and free of cement bloom, dust, oil, grease and other adhesion-inhibiting substances.

Moisture: When carrying out the work, the substrate moisture must not exceed 6 % by weight. Ensure that structural measures are taken to prevent moisture penetration of the coating from underneath.

Dew point: During application, the surface temperature must be min. 3 °C above the dew point temperature. Below this temperature, a separating film of moisture can form on the surface.

Hardness: Mineral substrates should usually have reached the required standard strength in relation to the building project after 28 days.

Adhesion: The following tensile strengths must be verified on pretreated test surfaces:

Concrete: on average, min. 1.5 N/mm², individual value not less than 1.0 N/mm².
Screed: on average, min. 1.0 N/mm², individual value not less than 0.7 N/mm².

⁽¹⁾ Triflex ProFloor (3K) or Triflex ProFloor RS 2K

⁽²⁾ for the Triflex BTS-P S1 variant (flame-retardant)



System description

Substrate pre-treatment

Substrate pre-treatment for the PMMA waterproofing: Triflex ProDetail and Triflex ProTerra

Substrate	Pre-treatment	Primer
Aluminium	Abrade with Triflex Cleaner	Triflex Metal Primer ^(A)
Asphalt	Grinding	Triflex Cryl Primer 222
Composite thermal insulation systems	Remove any loose material	Triflex Pox R 100
Concrete	Grinding	Triflex Cryl Primer 276
Copper	Abrade with Triflex Cleaner	Triflex Metal Primer ^(A)
Epoxy resin coating	Roughen surface and test adhesive strength and compatibility	No primer
Glass	Abrade with Triflex Glass Cleaner, adhesive strength test	Triflex Glass Primer
Lightweight concrete	Remove any loose material	Triflex Cryl Primer 276
Mortar, resin-modified	Grind, adhesive strength and compatibility test	Triflex Pox R 100
Mortar, Triflex CeFix Screed 631	Abrade (only necessary in case of unevenness)	Triflex Cryl Primer 276
Paint	Completely grind off	See substrate
Plaster/masonry	Remove any loose material	Triflex Cryl Primer 276
PU coating	Roughen surface and test adhesive strength and compatibility	No primer
PVC mouldings, rigid	Abrade with Triflex Cleaner, roughen surface	No primer
Screeds	Grinding	Triflex Cryl Primer 276
Stainless steel	Abrade with Triflex Cleaner	Triflex Metal Primer ^(A)
Steel, galvanised	Abrade with Triflex Cleaner	Triflex Metal Primer ^(A)
Tiles	Mechanically remove glaze	Triflex Cryl Primer 276
Wood	Remove any paint	Triflex Cryl Primer 276
Zinc	Abrade with Triflex Cleaner	Triflex Metal Primer ^(A)

^(A) Alternative to priming: Abrade with Triflex Cleaner and roughen surface.

Information on other substrates is available on request (technik@triflex.de).

Important:

1. The Triflex BTS-P S1 (flame-retardant) variant can only be used in the surface on the following substrates: concrete, screed and lightweight concrete. Additional gradients must also be created using purely mineral-based materials.
2. Adhesion must always be tested on the specific substrate!

Substrate pre-treatment for mineral gradient screed in combination: Triflex CeFix Screed 631

Substrate	Pre-treatment	Primer
Concrete	Grinding	Triflex CeFix Primer 795
Screeds	Grinding	Triflex CeFix Primer 795

Important:

Adhesion must always be tested on the specific substrate!

Priming

Triflex Cryl Primer 222

Apply evenly and cross-coat using a Triflex Universal Roller.

Consumption: min. 0.40 kg/m².

Can be recoated after approx. 45 mins.

Triflex Cryl Primer 276

Apply evenly and cross-coat using a Triflex Universal Roller.

Consumption: min. 0.40 kg/m².

Can be recoated after approx. 45 mins.

Triflex Glass Primer

Wipe on GP evenly with a cleaning cloth.

Consumption: approx. 0.05 l/m²

Can be recoated after approx. 15 mins. to max. 3 hrs.

Triflex Metal Primer

Apply a film with a short-pile roller (e.g. MP roller) or alternatively, apply a film with a spray can.

Consumption: approx. 0.15 l/m².

Can be recoated after approx. 60 mins.

Triflex Pox R 100

Apply evenly and cross-coat using a Triflex Universal Roller.

Dress the fresh primer with a surplus of quartz sand.

Consumption of Triflex Pox R 100: min. 0.30 kg/m²,

Consumption of quartz sand 0.2–0.6 mm: min. 2.00 kg/m².

Can be recoated after approx. 12 hrs.



System description

Repairing

Triflex Cryl Paste

Paste for filling in shrinkage cracks, smaller areas of damage and for levelling out uneven areas and fleece overlaps.

Consumption: approx. 1.40 kg/m² per mm layer thickness.

Can be recoated after approx. 1 hr.

In the case of roughness depths R_t 0.5 to 1 mm:

Triflex ProFloor

Scratch coat for repairing mineral substrates with the addition of up to 10.00 kg of quartz sand, 0.2–0.6 mm⁽³⁾ per 33.00 kg of Triflex ProFloor (3K) or 4.50 kg of quartz sand, 0.2–0.6 mm⁽³⁾ per 15.00 kg of Triflex ProFloor RS 2K

Consumption: min. 2.00 kg/m² per mm layer thickness.

Can be recoated after approx. 1 hr.

In the case of roughness depths R_t 1 to 10 mm:

Triflex ProFloor

Levelling coat for repairing mineral or bituminous substrates with the addition of up to 20.00 kg of quartz sand, 0.7–1.2 mm⁽³⁾ per 33.00 kg of Triflex ProFloor (3K) or 9.00 kg of quartz sand, 0.7–1.2 mm⁽³⁾ per 15.00 kg of Triflex ProFloor RS 2K.

Consumption: min. 2.00 kg/m² per mm layer thickness.

Can be recoated after approx. 1 hr.

For roughness depths R_t > 10 mm:

Triflex Cryl RS 240

Mortar for repairing mineral substrates.

Consumption: min. 2.20 kg/m² per mm layer thickness.

Can be recoated after approx. 45 mins.

Gradient screed, mineral:

Mineral screed for making sloping screeds with layer thicknesses of 20 mm to 100 mm.

1. Triflex CeFix Primer 795

When applied in a combination, apply with Triflex Universal Roller or a broad brush.

Consumption: approx. 0.30 kg/m².

2. Triflex CeFix Screed 631

Compact with smoothing trowel and remove with straightedge.

Then smooth evenly with a float.

Volume with a minimum layer thickness of 20 mm: approx. 44 kg/m².

Can be recoated after approx. 2 hrs. (abrade)

Can be recoated after approx. 3 hrs. (priming with Triflex Cryl Primer 276), see section "Priming".

Joints resulting from work interruptions or from division into work areas are to be designed as construction joints.

Gradient screed, PMMA-based:

Triflex Cryl Level 215+

PMMA mortar for making sloping screeds with layer thicknesses of 5 mm to 50 mm.

Volume with a minimum layer thickness of 5 mm: approx. 11 kg/m².

Can be recoated after approx. 45 mins.

Joints resulting from work interruptions or from division into work areas are to be designed as construction joints.

Important:

Substrate pre-treatment is carried out for the PMMA waterproofing.

For a solution for drainage of floor-to-ceiling, barrier-free door and window elements, see **Triflex Framebox** drainage channel.

Detail waterproofing

Triflex ProDetail must be applied to all junctions, transitions and other detail solutions before surface waterproofing.

Application is wet-on-wet.

1. Triflex ProDetail

Apply evenly with a radiator roller.

Consumption: min. 2.00 kg/m².

2. Triflex Special Fleece / Triflex Special Fleece PF

Embed cut-outs with no air bubbles.

Overlap the fleece strips by min. 5 cm.

3. Triflex ProDetail

Apply until the Triflex Special Fleece is fully saturated.

Consumption: min. 1.00 kg/m².

Total volume of Triflex ProDetail: min. 3.00 kg/m².

Can be recoated after approx. 45 mins.

For dimensions, see Triflex BTS-P system drawings.

Important:

Special Fleece mouldings can be used instead of Special Fleece cut-outs for inner and outer corners and for pipe penetrations.



System description

Joint waterproofing

All joints must be treated with Triflex ProDetail before applying the surface waterproofing.
To prevent abutting edges, joints should always be embedded in the substrate (see system drawings).

Construction joint:

Application is wet-on-wet.

1. Triflex ProDetail

Apply a width of 16 cm with a radiator roller.
Consumption: min. 0.30 kg/m.

2. Triflex Special Fleece / Triflex Special Fleece PF

Lay a 15 cm wide strip with no air bubble.
Overlap the ends of the fleece by min. 5 cm.

3. Triflex ProDetail

Apply until the Triflex Special Fleece is fully saturated.
Consumption: min. 0.30 kg/m.

Total volume of Triflex ProDetail: min. 0.60 kg/m.

Can be recoated after approx. 45 mins.

For dimensions, see Triflex BTS-P system drawings.

Important:

In the area of the construction joint, the wearing layer and the "Dressing, fine", "Dressing, coarse" and "Colour Design" surfaces are taped over with approx. 2.5 cm wide adhesive tape. Prior to applying the finish, the joint is levelled flush with Triflex ProDetail.

Expansion joint:

1. Triflex Cryl Paste

Apply a width of approx. 4 cm to both sides of the joint to bond the Triflex Support Strip.

2. Triflex Support Strip

Lay in the joint as a loop.
Can be recoated after approx. 1 hr.

3. Triflex Special Fleece / Triflex Special Fleece PF

Insert two strips, each min. 26 cm wide, saturated with Triflex ProDetail as a double loop with no air bubble. The width of the fleece depends on the joint construction.
Can be recoated after approx. 45 mins.

4. PE round Sealing Band

Place in the joint.

5. Triflex ProDetail

Seal the joint so it is flush with the surface.

Total volume of Triflex ProDetail: min. 1.20 kg/m.

Can be recoated after approx. 45 mins.

For dimensions, see Triflex BTS-P system drawings.

Important:

In the area of the expansion joint, the surface waterproofing, the wearing layer and the "Dressing, fine", "Dressing, coarse" and "Colour Design" surfaces are taped over with min. 5 cm wide adhesive tape. Prior to applying the finish, the joint is levelled flush with Triflex ProDetail.

Surface waterproofing

Application is wet-on-wet.

1. Triflex ProTerra

Apply evenly with a Triflex Universal Roller.
Consumption: min. 2.00 kg/m².

2. Triflex Special Fleece / Triflex Special Fleece PF

Lay with no air bubble. Overlap the strips of fleece by min. 5 cm.

3. Triflex ProTerra

Apply evenly with a Triflex Universal Roller to fully saturate the Triflex Special Fleece.
Consumption: min. 1.00 kg/m².

Total volume of Triflex ProTerra: min. 3.00 kg/m².

Can be recoated after approx. 1 hr.

Important:

In the area of the expansion joint, tape over the surface waterproofing with min. 5 cm wide adhesive tape.

Wearing layer

Standard:

Triflex ProFloor⁽¹⁾

Apply evenly and level to the previous coat of waterproofing with Triflex notched trowel (7 x 2 x 7 mm) or squeegee.

Consumption: min. 4.00 kg/m².

Can be recoated after approx. 1 hr.

Triflex BTS-P S1 variant (flame-retardant):

Triflex ProFloor S1

Apply evenly and level to the previous coat of waterproofing with Triflex notched trowel (7 x 2 x 7 mm) or squeegee.

Consumption: min. 4.00 kg/m².

Can be recoated after approx. 1 hr.

Important:

In the area of the construction joint, tape over the wearing layer with approx. 2.5 cm wide adhesive tape. In the area of the expansion joint, tape over the wearing layer with min. 5 cm wide adhesive tape.

⁽¹⁾ Triflex ProFloor (3K) or Triflex ProFloor RS 2K



System description

Finishing

The sealing of all vertical junctions, transitions and details must be carried out 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.

"Chips Design" (R 9) surface:

1. **Triflex Cryl Finish 205 / Triflex Cryl Finish S1⁽²⁾**
Apply evenly and cross-coat using a Triflex Finish Roller.
Consumption: min. 0.50 kg/m².
2. **Triflex Micro Chips**
Use a funnel spray gun to apply to the fresh finish.
Consumption: min. 0.05 kg/m².
Can be walked on after approx. 2 hr.

Surface: "Colour Design" (R 10):

Not suitable for the Triflex BTS-P S1 variant (flame-retardant).

1. **Triflex Cryl Finish 205**
Apply evenly and cross-coat using a Triflex Finish Roller.
Consumption: min. 0.50 kg/m².
2. **Triflex Colour Mix**
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/m².
3. **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/m².
Can be walked on after approx. 2 hr.

Important:

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

"Creative Design" surface:

For creative surface design with colours and patterns, see Triflex Creative Design planning documents.

"Dressing, fine" (R 11) surface:

1. **Triflex Cryl Finish 205 / Triflex Cryl Finish S1⁽²⁾**
Apply evenly and cross-coat using a Triflex Finish Roller.
Consumption: min. 0.50 kg/m².
2. **Quartz sand, grain size 0.2–0.6 mm**
Dress the fresh finish generously.
Once the finish is cured, remove any surplus.
Consumption: min. 3.00 kg/m².
Can be recoated after approx. 1 hr.
3. **Triflex Cryl Finish 205 / Triflex Cryl Finish S1⁽²⁾**
Apply evenly and cross-coat using a Triflex Finish Roller.
Consumption: min. 0.70 kg/m².
4. **Triflex Micro Chips**
Use a funnel spray gun to apply to the fresh finish.
Consumption: min. 0.05 kg/m².
Total volume Triflex Cryl Finish 205 / Triflex Cryl Finish S1⁽²⁾ min. 1.20 kg/m².
Can be walked on after approx. 2 hrs.

Important:

In the area of the construction joint, tape over the finish layer (1) together with the quartz sand dressing (2) with approx. 2.5 cm wide adhesive tape.
In the area of the expansion joint, tape over the finish layer (1) together with the quartz sand dressing (2) with min. 5 cm adhesive tape. Once cured, the joints are levelled flush using Triflex ProDetail. The finish layer (3) with Micro Chips dressing (4) is applied over the joints.

⁽²⁾ for the Triflex BTS-P S1 variant (flame-retardant)



System description

"Dressing, coarse" (R 12) surface:

1. Quartz sand, grain size 0.7–1.2 mm

The fresh wearing layer is dressed generously in areas with increased risk of slipping.

Once the wearing layer is cured, remove any surplus.

Consumption: min. 7.00 kg/m².

Can be recoated after approx. 1 hr.

2. Triflex Cryl Finish 205 / Triflex Cryl Finish S1 ⁽²⁾

Apply evenly and cross-coat using a Triflex Finish Roller.

Consumption: min. 0.70 kg/m².

3. Triflex Micro Chips

Use a funnel spray gun to apply to the fresh finish.

Consumption: min. 0.05 kg/m².

Can be walked on after approx. 2 hr.

Important:

In the area of the construction joint, tape over the quartz sand dressing (1) and the wearing layer with approx. 2.5 cm wide adhesive tape.

In the area of the expansion joint, tape over the quartz sand dressing (1) and the wearing layer with adhesive tape to cover a width of min. 5 cm.

Once cured, the joints are levelled flush using Triflex ProDetail. The finish layer (2) with Micro Chips dressing (3) is applied over the joints.

Work interruptions

If work is interrupted for more than 12 hrs., or if soiled by rain etc., the intersection must be activated with Triflex Cleaner. Airing time min. 20 min. Transitions to subsequent detail waterproofing must overlap including Triflex Special Fleece by a minimum of 10 cm. This also applies to junctions, transitions and detail solutions with Triflex ProDetail. The finishing must be applied within 24 hrs. If this application is delayed for any reason, the surface to be finished must be pre-treated with Triflex Cleaner.

Product information

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

[Triflex CeFix Primer 795](#)

[Triflex CeFix Screed 631](#)

[Triflex Colour Mix](#)

[Triflex Cryl Finish Satin](#)

[Triflex Cryl Finish S1](#)

[Triflex Cryl Finish 205](#)

[Triflex Cryl Level 215](#)

[Triflex Cryl Primer 222](#)

[Triflex Cryl Primer 276](#)

[Triflex Cryl RS 240](#)

[Triflex Cryl Paste](#)

[Triflex Framebox](#)

[Triflex Glass Primer](#)

[Triflex Metal Primer](#)

[Triflex Micro Chips](#)

[Triflex Pox R 100](#)

[Triflex ProDetail](#)

[Triflex ProFloor ^{\(1\)}](#)

[Triflex ProFloor S1](#)

[Triflex ProTerra](#)

[Triflex Cleaner](#)

[Triflex Special Fleece](#)

[Triflex Special Fleece PF](#)

[Triflex Liquid Thixo](#)

[Triflex Support Strip](#)

[Triflex Balcony Edge Finishing Profile](#)

⁽¹⁾ Triflex ProFloor (3K) or Triflex ProFloor RS 2K

⁽²⁾ for the Triflex BTS-P S1 variant (flame-retardant)



System description

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.

Pinholes

Air pockets in concrete or screed go on to cause "pinholes". The mechanical substrate pre-treatment causes the air pockets to open on the surface. The subsequent coating closes the access to the air spaces. The warming of the air inside the pockets as a result of the reaction and ambient temperature causes the volume to expand and the pressure to increase. The air then rises up through the coating to the surface. This is a purely physical process and is not triggered by the coating material itself. In order to prevent the formation of pinholes in the coating, it is recommended that processing be performed when temperatures are falling.

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 $R_t = 0.5 \text{ mm}$.

Special allowance must be made for unevenness, roughness and porosity. Specified flash times and waiting times apply to a substrate and ambient temperature of $+20^\circ\text{C}$.

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 to obtain the current standard specifications, which are available in a range of different file formats. Alternatively, visit the website www.ausschreiben.de or www.heinze.de.

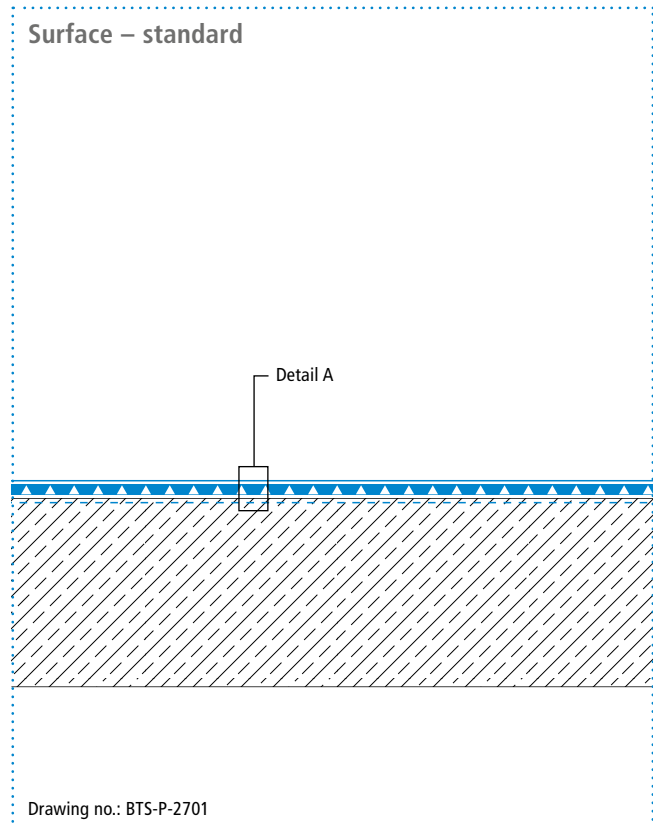
CAD drawings

All CAD system drawings can be downloaded free of charge from the Download section of the Triflex website www.triflex.com. Contact us at technik@triflex.de to request further true-to-scale CAD drawings.

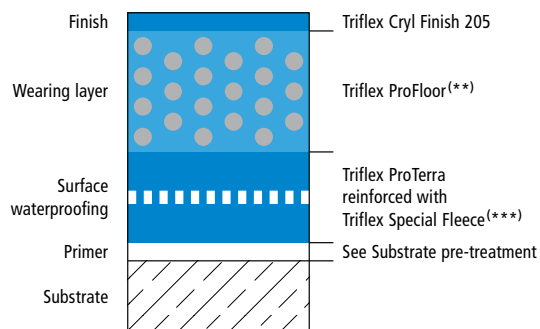


System drawings

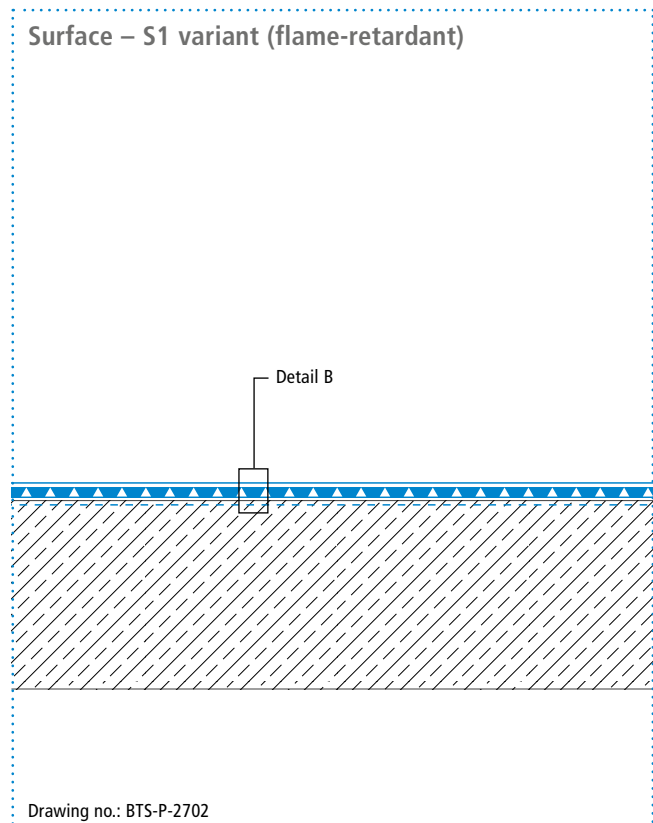
Surface – standard



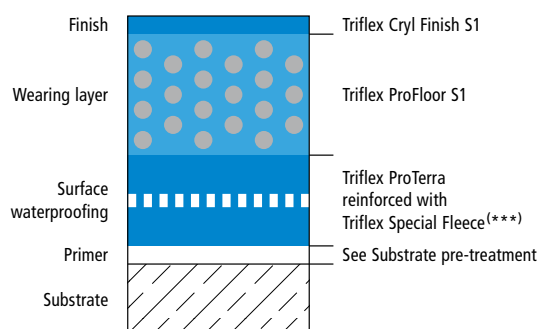
System build-up – Detail A



Surface – S1 variant (flame-retardant)



System build-up, S1 variant – Detail B



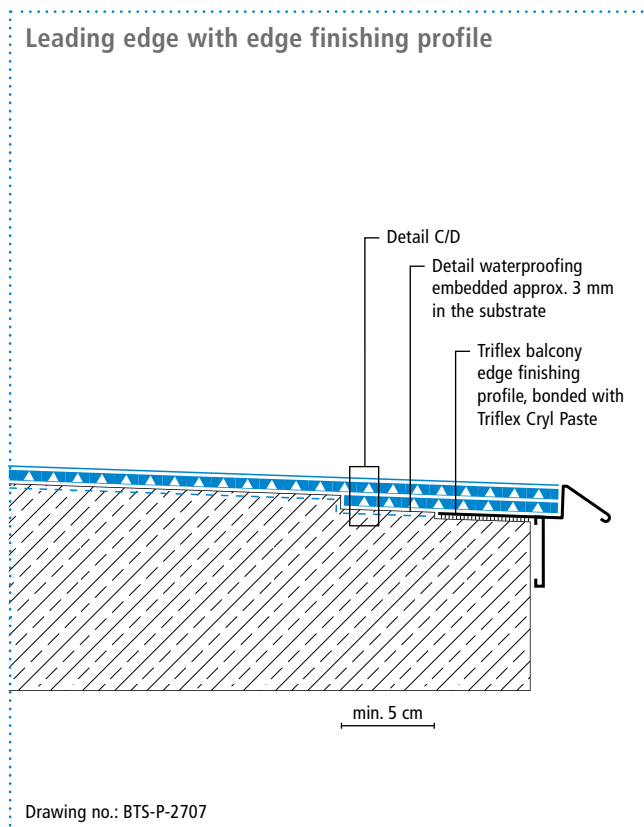
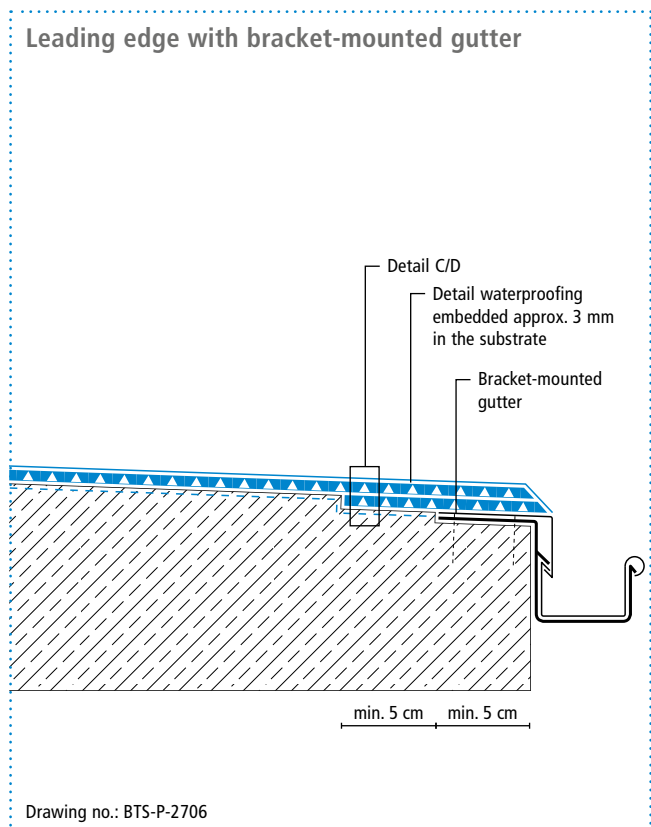
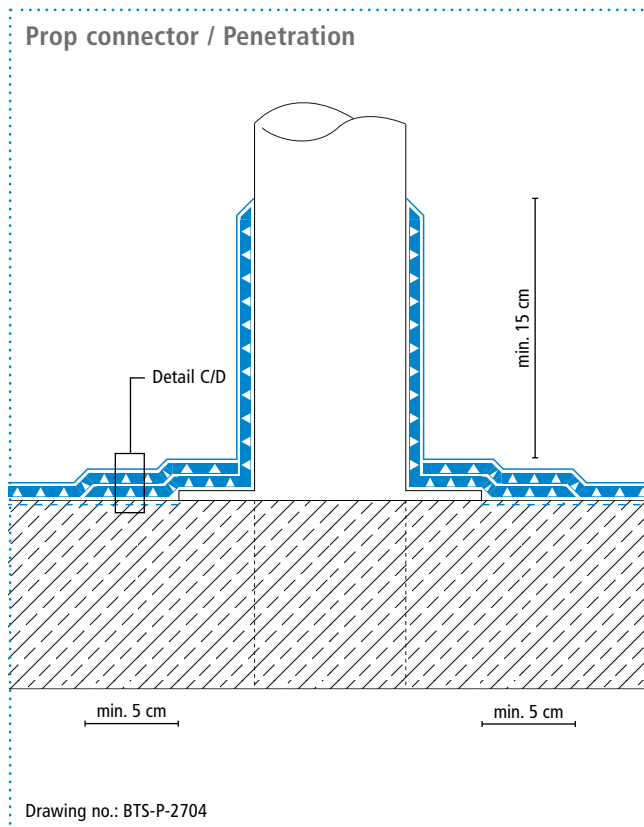
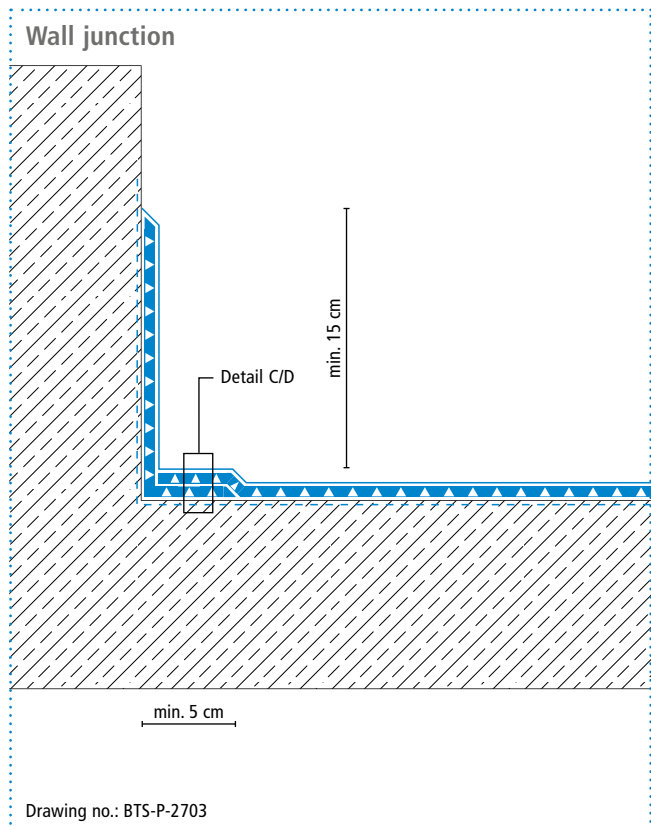
Height differences where the fleece overlaps are exaggerated.

(**) Triflex ProFloor (3K) or Triflex ProFloor RS 2K

(***) Triflex Special Fleece or Triflex Special Fleece PF



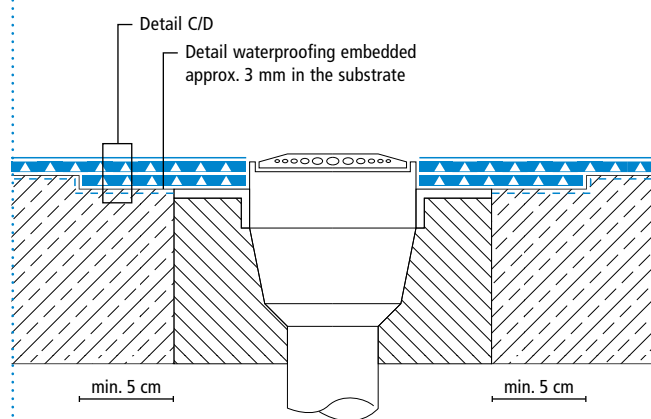
System drawings



Height differences where the fleece overlaps are exaggerated.

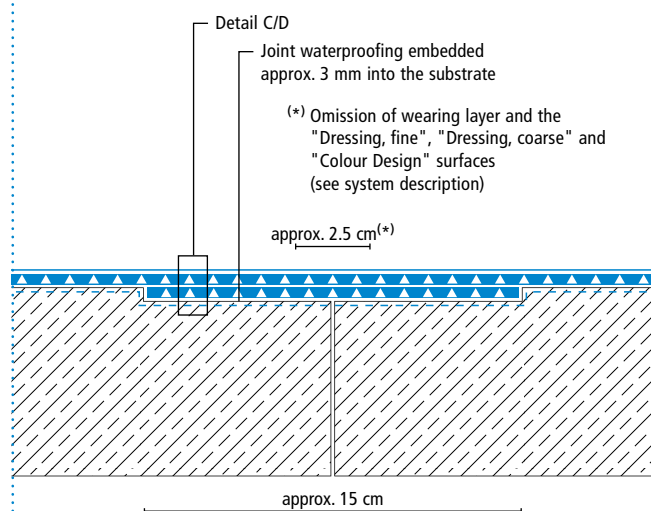
System drawings

Gully



Drawing no.: BTS-P-2705

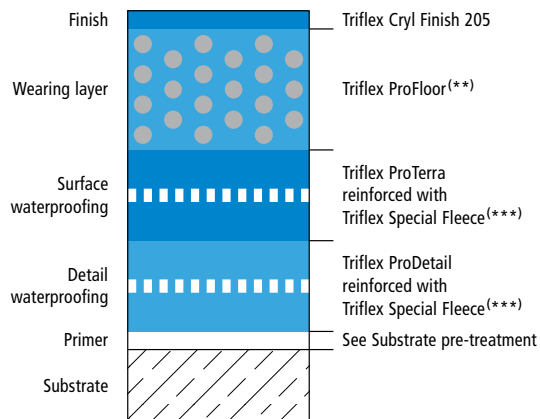
Construction joint



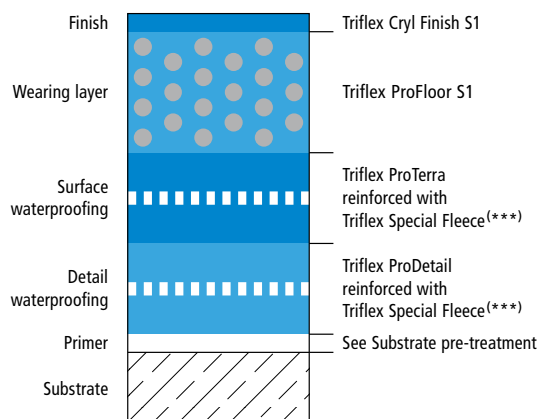
Drawing no.: BTS-P-2708

Height differences where the fleece overlaps are exaggerated.

System build-up – Detail C



System build-up, S1 variant – Detail D

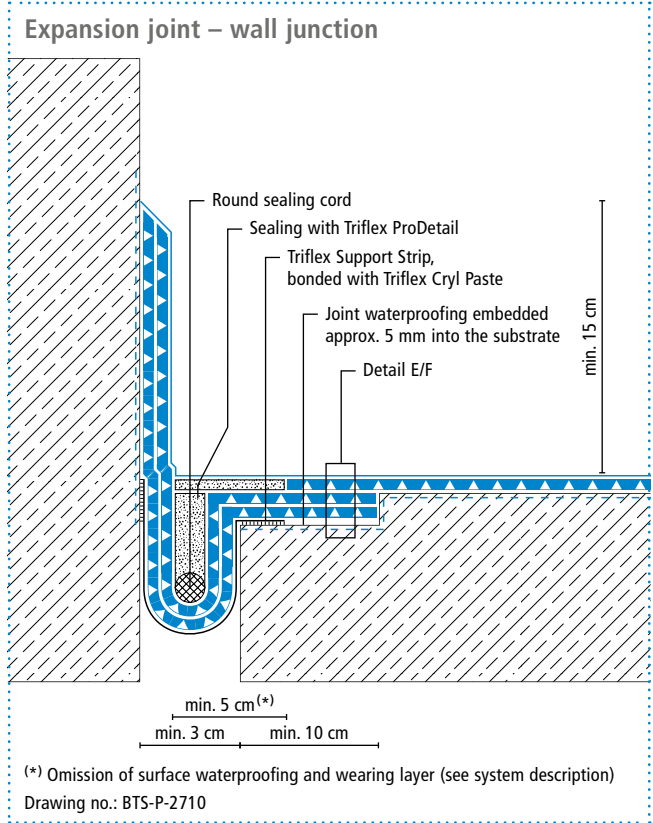
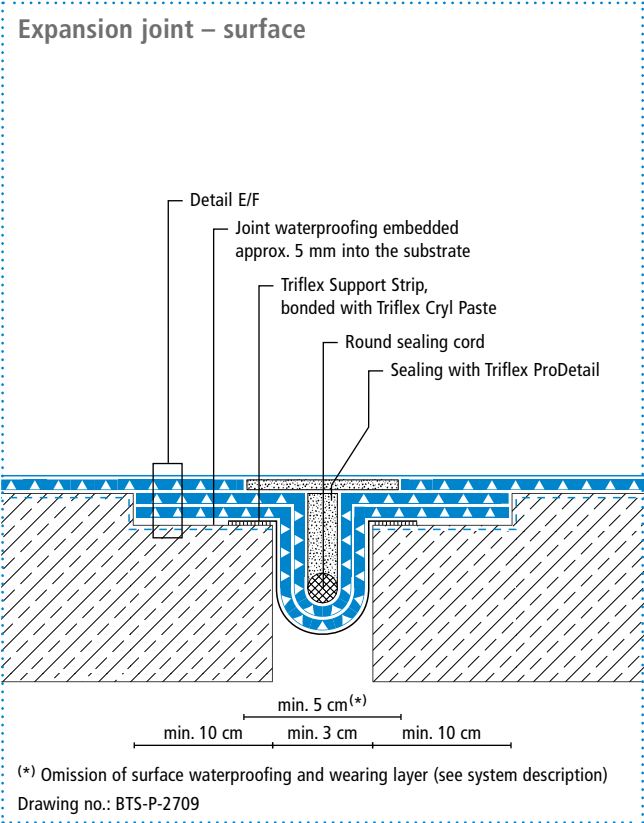


(**) Triflex ProFloor (3K) or Triflex ProFloor RS 2K

(***) Triflex Special Fleece or Triflex Special Fleece PF



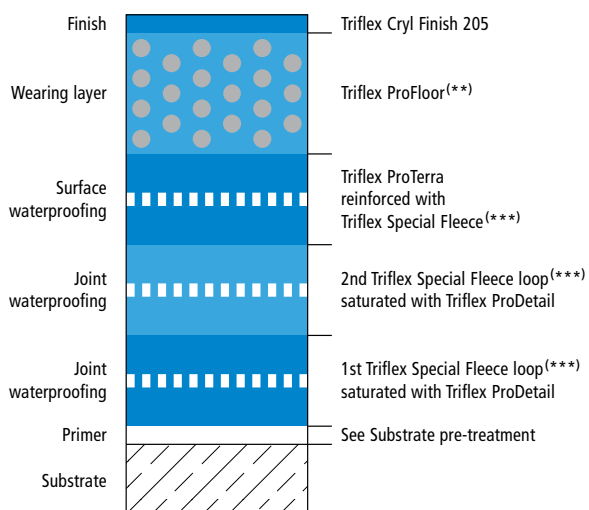
System drawings



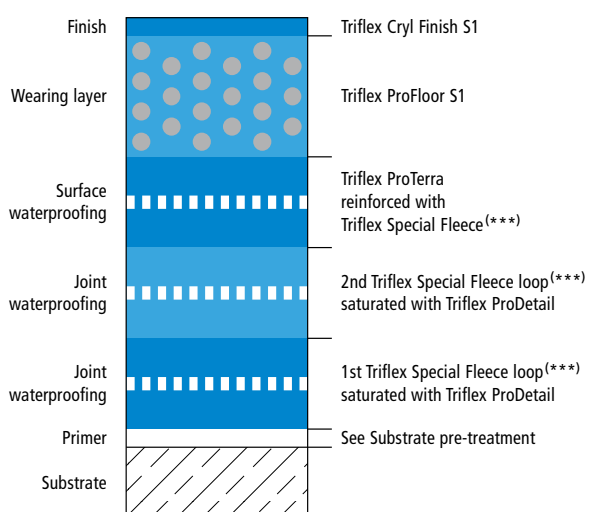


System drawings

System build-up – Detail E



System build-up, S1 variant – Detail F



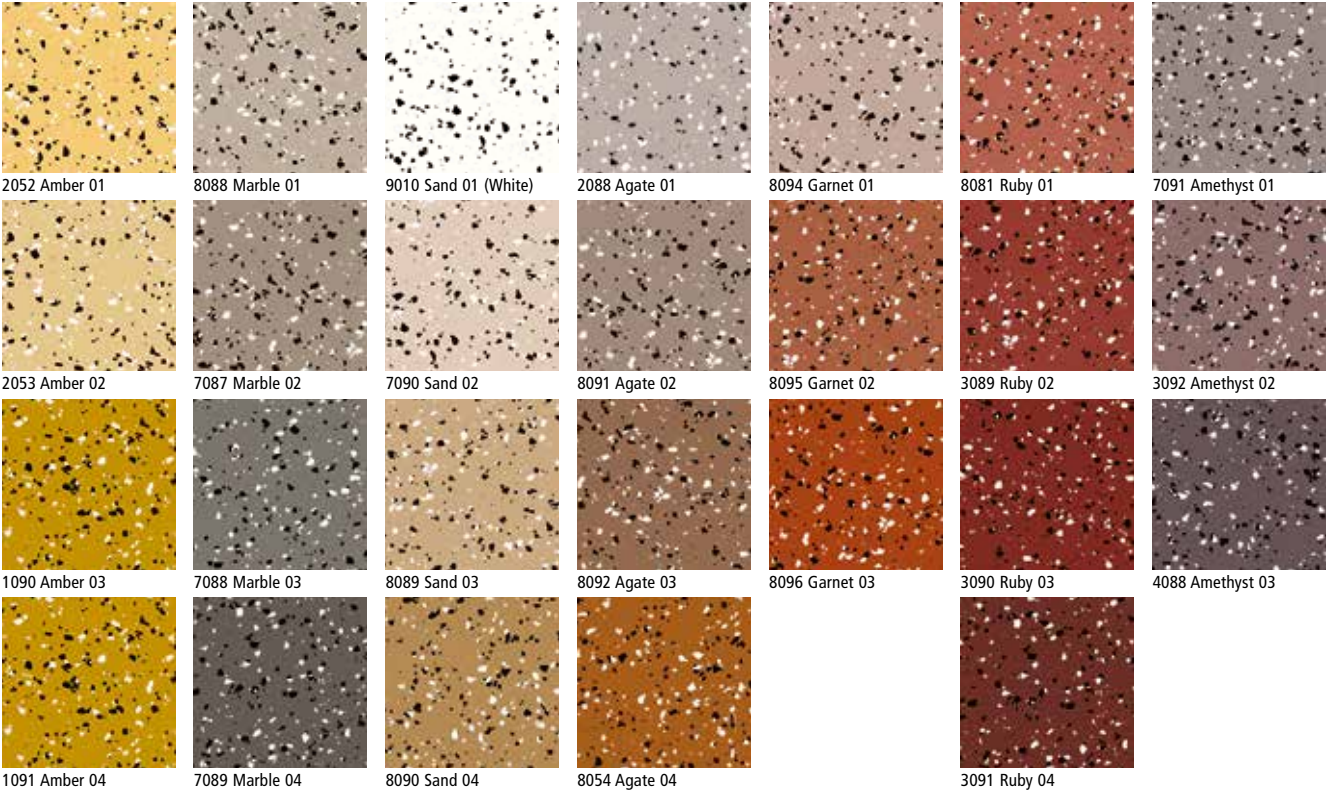
^(**) Triflex ProFloor (3K) or Triflex ProFloor RS 2K

^(***) Triflex Special Fleece or Triflex Special Fleece PF



Range of colours

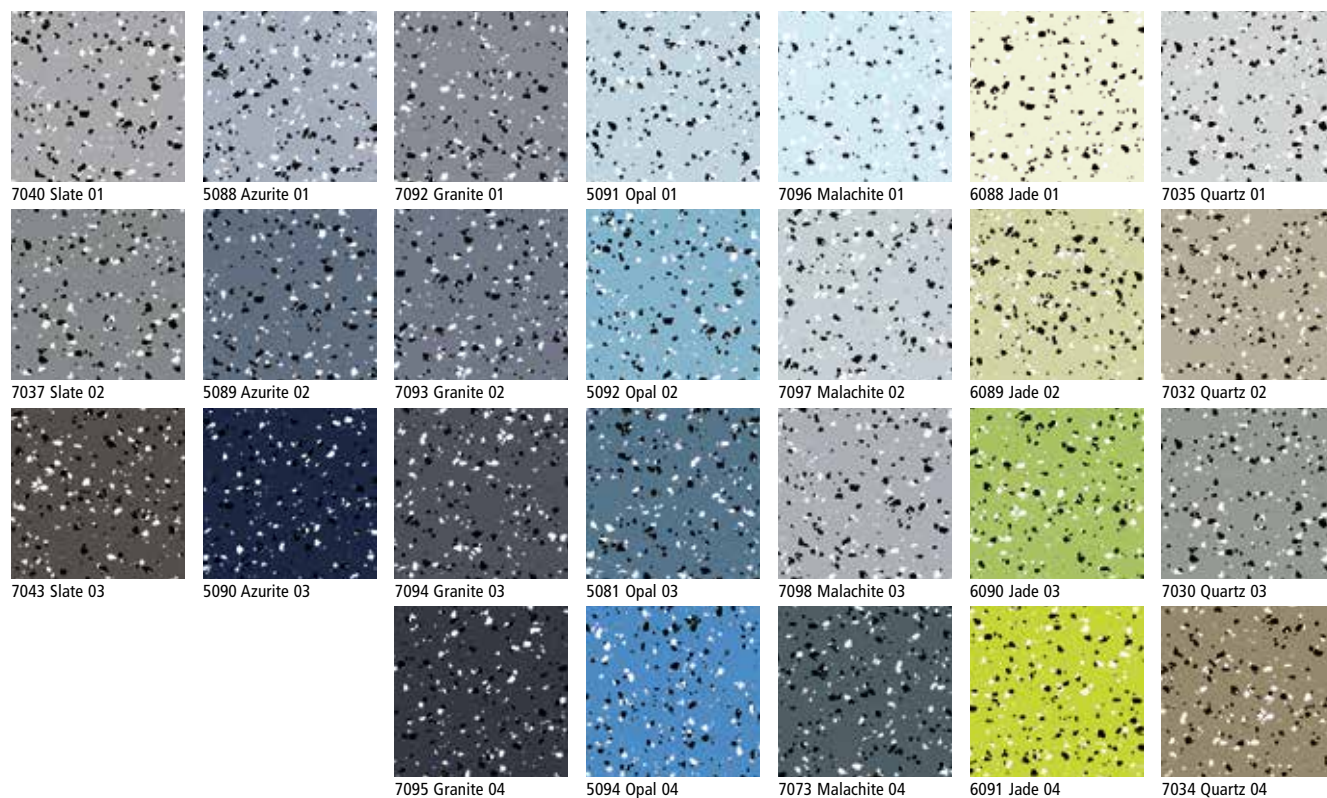
"Triflex Chips Design" surface





Range of colours

"Triflex Chips Design" surface



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.

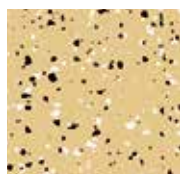


Balcony waterproofing system

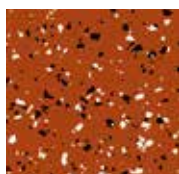
Triflex BTS-P

Range of colours

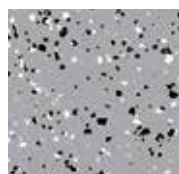
"Triflex Chips Design" surface – S1 variant (flame-retardant)



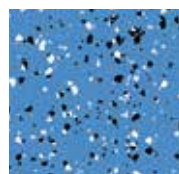
2053 Amber 02



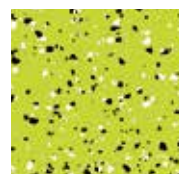
8096 Garnet 03



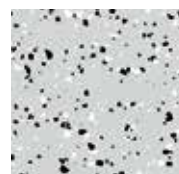
7040 Slate 01



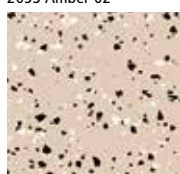
5094 Opal 04



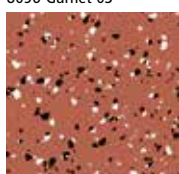
6091 Jade 04



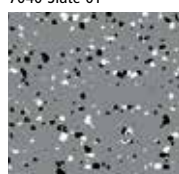
7035 Quartz 01



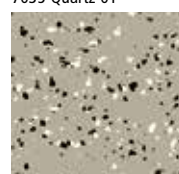
7090 Sand 02



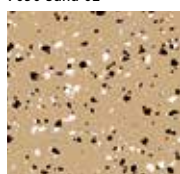
8081 Ruby 01



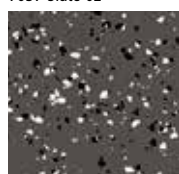
7037 Slate 02



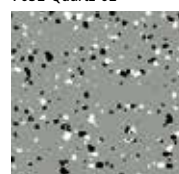
7032 Quartz 02



8089 Sand 03



7043 Slate 03

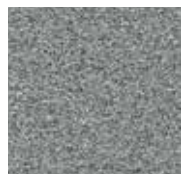


7030 Quartz 03



Range of colours

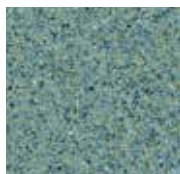
"Triflex Colour Design" surface



A719 Grey



A720 Blue



A721 Grey blue



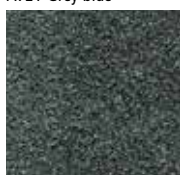
A722 Grey green



A724 Red orange



A727 Cream beige



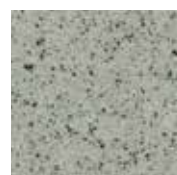
A728 Anthracite grey



A729 Stone Red

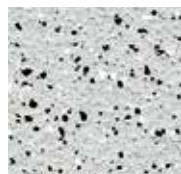


A730 White



A731 Light grey

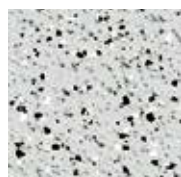
"Dressing, fine" surface



Dressing, fine

Additional flame-dried quartz sand dressing provides a non-slip finish.
For available colours, see
"Triflex Chips Design"

"Dressing, coarse" surface



Dressing, coarse

Coarse quartz sand dressing is particularly recommended for stairs and slanted surfaces.
For available colours, see
"Triflex Chips Design"

Please note:

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Delivering solutions together.

International

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