



Specifications

Construction project:

Architect/client:

Preliminary remarks:

Work is carried out using products from the Minden-based company Triflex GmbH & Co. KG.

This offer is for the procurement and installation of the intermediate deck coating system Triflex DeckCoat.

Compliance with all applicable guidelines is taken into account and required for the different recommended system designs using Triflex products.

Before the contract is awarded, contractors must prove that they have been trained in the application of Triflex products. Otherwise, instruction by a trainer shall be provided on-site.

The quantities contained herein shall be checked on the building site.

Billing shall be based on measurements conducted jointly by the contractor and client.

The coating system must be applied so as to prevent rainwater from penetrating the system structure in the event that work is interrupted.

For disposal of rubble, the cartage and landfill costs shall be included in the individual prices or itemised separately.

Concerns about prior work performed by other contractors shall be communicated to the client in writing immediately, ideally before work begins.

It is recommended that the bidder view the work site prior to submitting a tender.

If alterations or special work not included herein become necessary after work has commenced, detailed notification shall be given before going ahead with such alterations or special work, and the work shall subsequently be billed separately.

Unless explicitly stated otherwise, all work shall be regarded as a comprehensive turnkey service, including the supply of all required materials and ancillary services.

Multi-storey car park coatings and traffic markings are subject to constant loads and wear in accordance with the level of use.

The system design must be adapted by the expert planner to meet the project-specific requirements. Detailed tender texts must be created by the planner on his or her own authority. There is no specific project consultation associated with the issue of these draft specifications. The preparation of drafts is a non-obligatory service provided by Triflex. Any legal claims from this service are excluded.

The bases for the implementation of concrete repairs which are relevant to stability, are the rules and directives introduced in the German federal states as Technical Building Regulations as per VV TB, Part A, No. A 1.2.3.2 and VV TB, Part C, No. C 3.12.



Specifications

The contract comprises the following components:

- Specifications
 - System description, system drawings and manufacturer's product information
 - DIN 18202 Tolerances for building construction
 - The rules and directives introduced in the German federal states as Technical Building Regulations as per VV TB, Part A, No. A 1.2.3.2.
 - DAfStb Directive – Protection and Repair of Concrete Components (Repair Guideline)
 - Building code regulations
 - Accident prevention regulations
 - German Construction Contract Procedures (VOB), Part B
- in the versions valid at the time of conclusion of the contract.

System and product characteristics:

- Waterproof thin-layer system entirely based on PMMA resin (polymethyl methacrylate)
- For little used intermediate decks
- Withstands mechanical loads
- Seamless
- System-integrated detail solutions
- Full-surface adhesion and resistant to infiltration from below
- Rigid
- Cold-applied
- Fast-curing
- Ready for vehicle traffic after approx. 2 hours (+23 C)
- Chemical-resistant
- Weather and UV-resistant,(UV, IR)
- Butyl-free
- Solvent-free
- Non-slip
- Variety of colours available
- Conditions for use as per manufacturer's system and product descriptions (e.g. minimum application temperature 0 C, max. substrate moisture 6 % by weight, surface temperature min. +3 C above dew point)
- The waterproofing systems within the system build-up with Triflex ProDetail (junctions, details, joints) are covered by European Technical Approvals (ETAs) issued by the German approval body for non-regulated construction products and types of construction, the Deutsches Institut für Bautechnik (DIBt), and meet the requirements of the EU's Construction Products Directive (CE mark) in accordance with ETAG No. 005 in the highest usage category.
- Key characteristics of the waterproofing with regard to resistance to hydrolysis, root and rhizome-resistance (FLL standards) and a leak test up to min. 5 bar can also be certified by test reports.



Specifications

Performance properties of Triflex DeckCoat as per DBV data sheet for multi-storey car parks and underground car parks (2018) plus additional performance properties:

Line	Performance properties as per DIN EN 1504-2	Test method as per	Requirement	Triflex DeckCoat
1	Linear shrinkage	DIN EN 12617-1	≤ 0.3 %	Not required
2	Compressive strength	DIN EN 12190	Class I: ≥ 35 N/mm ²	Not required
3	Abrasion resistance	DIN EN ISO 5470-1	Mass loss < 3000 mg, friction wheel: H22/1000 cycles/load: 1000 g The requirements of DIN EN 13813 must also be met (see section 3.2)	fulfilled
4	CO ₂ permeability	DIN EN 1062-6	s _d > 50 m	fulfilled
5	Water vapour permeability	DIN EN ISO 7783	Class III: s _d > 50 m	fulfilled
6	Capillary water absorption and water permeability	DIN EN 1062-3	w < 0.1 kg/(m ² *h ^{0.5})	fulfilled
7	Adhesive tensile strength as per test for temperature change tolerance Thermal cycling with alternating freezing/thawing without exposure to de-icing salt	DIN EN 13687-3	After thermal cycling a) No cracks, bubbles, detachment b) Pull-off trial ≥ 2.0 (1.5) N/mm ²	fulfilled
	Adhesive tensile strength as per test for temperature change tolerance For applications outdoors under the influence of de-icing salts			fulfilled
8	Thunder shower exposure (temperature shock) (10x) and thermal cycling with alternating freezing/thawing with exposure to de-icing salt (50x)	DIN EN 13687-2 DIN EN 13687-1		fulfilled
9	Resistance to strong chemical attack Class I: 3d without pressure Test liquids: Groups 1, 3 and 10 according to DIN EN 13529	DIN EN 13529	24 hrs after removing the coating from the test liquid, reduction of the hardness by less than 50 % when measuring after the indentation hardness test as per Buchholz, DIN EN ISO 2815, or Shore hardness, DIN EN ISO 868	fulfilled
10	Impact strength	DIN EN ISO 6272-2	After loading, no cracks and no flaking; Class I: ≥ 4 Nm	fulfilled
11	Fire classification after application	DIN EN 13501-1	Minimum requirements: Class E _{fl}	fulfilled
12	Grip / slip resistance	DIN EN 13036-4	Class III: > 55 units tested in wet condition (outside)	fulfilled
13	Fire classification after application	DIN EN 13501-1	Minimum requirements: Class E _{fl}	Class B _{fl} -s1
14	Non-slip class	DIN 51130		R12 V6



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15	Dynamic crack-bridging capabilities on concrete for Triflex ProDetail in the junction area	DIN EN 1062-7	Maximum crack expansion of 3 mm	3 mm
16	Wear resistance (BCA)	DIN EN 13892-4	At least class AR1 as per DIN EN 13813	fulfilled
17	Artificial weathering as per DIN EN 1062-11:2002-10, 4.2 (exposure to UV radiation and moisture)	DIN EN 1062-11:2002-10, 4.2	No visible faults after 2000 h	fulfilled
18	Fire classification of the markings	DIN EN 13501-1		B _{fl} -s1



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
1		General information		
1.1	Lump sum	Building site preparation	Lump sum	_____
1.2	Lump sum	Container Delivery, set-up, provision and off-site transportation of a material and device container.	Lump sum	_____
1.3	Lump sum	Power supply Provision of power supply for alternating and three-phase current, to be removed on completion of the building project.	Lump sum	_____
1.4	Lump sum	Water supply Provision of water supply for the necessary cleaning tasks, to be removed on completion of the building project.	Lump sum	_____
1.5	Lump sum	Fence around building site Provision of fence for the entire period of the building project, to be adapted as required by the individual work stages.	Lump sum	_____
1.6	Lump sum	Re-routing of traffic Implementing measures to re-route traffic, such as road signs, traffic light system etc., setting up any necessary devices, adapting in accordance with progress of the building project and removing on completion of the building project.	Lump sum	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
1.7	Lump sum	<p>Activated carbon filter Supply, set-up, operation and removal of an activated carbon filter of sufficient dimensions for cleaning the exhaust air of odorous monomer pollution due to PMMA emissions. The system must be checked regularly and the activated carbon must also be replaced regularly. Replacement of the activated carbon is remunerated separately.</p> <p>Type LAK-825-PE carbon air filter: Activated carbon filter for removal of organic compounds from an air flow. - Diameter: 1,300 mm - Filling quantity: 825 kg activated carbon - Consumption flow rate: max. 1,000 m³/hr. Type GUT-L40-2 activated carbon Hard coal based extruded activated carbon for removal of organic compounds in an air flow. - Stick diameter: 4 mm - BET surface area: 950 m²/g - Iodine value approx.: 900 mg/g - Bulk density: approx. 500 +/- 30 kg/m³ MBA 600-T radial fan Medium-pressure radial fan for simultaneous operation of multiple activated carbon filters. - Consumption flow rate: max. 4,000 m³/hr. (Filter operation) - Power: 11 kW - Sound pressure level: 90 dB Commissioning time: months</p>	Amount carried forward:	_____
2		Structure and substrate inspection	Lump sum	_____
2.1	Lump sum	<p>Cavities Checking for cavities by tapping the existing concrete surfaces with a hammer or chain, and marking any areas accordingly.</p>	Lump sum	_____
2.2	Lump sum	<p>Adhesive tensile strength Determining and recording the specified adhesive tensile strength of the existing substrate using a suitable gauge (e.g. a Freundl unit). Number of measurements:</p>	Lump sum	_____
2.3	Lump sum	<p>Compressive strength Determining and recording the compressive strength of the existing concrete substrate using a Schmidt Hammer. Number of measurements:</p>	Lump sum	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
2.4	Lump sum	Moisture content Determining and recording the moisture content of the existing concrete substrate using a suitable gauge (e.g. electronic moisture meter). Number of measurements:	Lump sum	_____
2.5	Lump sum	Core sample Determining the layer configuration and each of the layer thicknesses by removing a core sample. Number of measurements:	Lump sum	_____
2.6	Lump sum	Analysis of core sample Determining the chloride content in the substrate by testing the core sample (see Item 2.5). Number of measurements:	Lump sum	_____
2.7	Lump sum	Checking gradient and unevenness Checking the existing substrate for sufficient gradient, formation of puddles and unevenness.	Lump sum	_____
2.8	Lump sum	Site journal with continuous measuring Provision of suitable measuring devices for the continuous measuring of air humidity, ground temperature, air temperature and to determine the dew point throughout the building project, incl. a site journal with logging of measured values.	Lump sum	_____
3		Substrate pretreatment		
3.1	_____ m ²	Milling Removal of any contaminated surfaces on the concrete with a suitable milling machine approx. 3–5 mm in depth in order to ensure the adhesive property and soundness of the substrate incl. acknowledgement of delivery, off-site transportation and proper disposal of the milled material.	_____ /m ²	_____
3.2	_____ m	Milling in proximity to construction and settlement joints Machine milling, cm wide, approx. 3–5 mm in depth including acknowledgement of delivery, off-site transportation and proper disposal of the milled material. (See Triflex system drawing DeckCoat-1706 or DeckCoat-1707 and DeckCoat-1708)	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
3.3	_____ m ²	Shot-blasting Cleaning of entire surface, incl. construction and settlement joint areas by Blastrac shot-blasting crosswise, incl. machine-sanding junctions, cleaning of surfaces, off-site transportation and proper disposal of any blasting residue.	_____ /m ²	_____
3.4	_____ m ²	Grinding Preparation of the substrate by grinding with suitable abrasive tools, incl. cleaning, acknowledgement of delivery, off-site transportation and proper disposal of any rubble.	_____ /m ²	_____
3.5	_____ m	Grinding the junctions Preparation of the substrate of the wall junctions and details by grinding with suitable abrasive tools incl. cleaning, acknowledgement of delivery, off-site transportation and proper disposal of any rubble. Junction height: cm	_____ /m	_____
3.6	_____ m	Joint milling machine/joint hook Removal of any joint sealant as required using joint milling machine or joint hook.	_____ /m	_____
3.7	_____ m	Levelling Levelling of joint sealant in still functional construction joints by filling with comparable material or Triflex Cryl RS 240, or removal of any oozing or excess material in order to achieve a flush finish.	_____ /m	_____
3.8	_____ m ²	Preparing metal substrates Thoroughly abrade the metal substrates with Triflex Cleaner and additionally roughen the surface. Consumption: min. 0.20 l/m ²	_____ /m ²	Unit price
3.9	_____ m	Stop To prevent the possibility of water infiltration or detachment around the details, a stop must be cut at the transition of the surface coating to the detail waterproofing (see system drawings). It must be at least 15 mm deep and 5 mm wide. The cut must be made before beginning waterproofing/coating work.	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
4		Triflex Primer		
4.1	_____ m	Priming of wall junctions On concrete and masonry substrates. Priming with Triflex Cryl Primer 287. Consumption: at least 0.35 kg/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis. Junction height: cm	_____ /m	_____
4.2	_____ m ²	Priming of kerb On concrete and masonry substrates. Priming with Triflex Cryl Primer 287. Consumption: at least 0.35 kg/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis. Kerb height: cm, width: cm	_____ /m ²	_____
4.3	_____ m	Priming of construction joint On concrete and masonry substrates. Priming with Triflex Cryl Primer 287. Consumption: at least 0.35 kg/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis. Construction joint width: cm	_____ /m	_____
4.4	_____ m	Priming of settlement joint On concrete and masonry substrates. Priming with Triflex Cryl Primer 287. Consumption: at least 0.35 kg/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis. Settlement joint width: cm	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
4.5	_____ m	<p>Priming of composite thermal insulation systems For composite thermal insulation systems in the area of the facade. Priming with Triflex Pox Primer 116+ incl. dressing with quartz sand, size 0.3–0.8 mm. Removal of any surplus after curing. Consumption of Triflex Pox Primer 116+: at least 0.30 kg/m² Consumption of quartz sand 0.3–0.8 mm: at least 0.70 kg/m² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis. Junction height..... cm</p>	_____ /m	_____
4.6	_____ m ²	<p>Priming of resin-modified substrate For resin-modified substrates. Priming with Triflex Pox Primer 116+ incl. dressing with quartz sand, size 0.3–0.8 mm. Removal of any surplus after curing. Consumption of Triflex Pox Primer 116+: at least 0.30 kg/m² Consumption of quartz sand 0.3–0.8 mm: at least 0.70 kg/m² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis.</p>	_____ /m ²	_____
4.7	_____ m ²	<p>Priming of mineral substrate For mineral substrates in the surface. Priming with Triflex Cryl Primer 287. Consumption: at least 0.35 kg/m² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis.</p>	_____ /m ²	_____
4.8	_____ m ²	<p>Pore sealing primer For substrates with pinholes. Priming with Triflex Cryl Primer 280. Consumption without pinholes: min. 0.40 kg/m², 1 working step Consumption with pinholes: min. 0.80 kg/m², 2 working steps, 0.40 kg/m² each. Second working step after non-stick surface Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis.</p>	_____ /m ²	Unit price

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
4.9	_____ m ²	Priming of glass Priming of the surface with Triflex Glass Primer, incl. pre-cleaning of the surface with Triflex Glass Cleaner. Consumption of Triflex Glass Cleaner: approx. 0.05 l/m ² Consumption of Triflex Glass Primer: approx. 0.05 l/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis.	_____ /m ²	_____
4.10	_____ m ²	Priming of metal e.g. stainless steel, steel and zinc. Priming with Triflex Metal Primer, incl. pre-cleaning of the surface with Triflex Cleaner. Consumption of Triflex Cleaner: at least 0.20 l/m ² Consumption of Triflex Metal Primer: approx. 0.08–0.10 l/m ² Application according to the material manufacturer's technical guidelines. Adhesion to the substrate must be checked on a case-by-case basis.	_____ /m ²	_____
5		Triflex repairs		
5.1	_____ m ²	Repair mortar, mineral substrate (R_t >10 mm) Repairing defective spots on the existing mineral substrate with Triflex Cryl RS 240 repair mortar in the area of roughness depths R _t >10 mm. Triflex Cryl RS 240, colour 7023, consumption: at least 2.20 kg/m ² per mm layer thickness Application according to the material manufacturer's technical guidelines. Average layer thickness:	_____ /m ²	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
5.2	_____ m ²	<p>Levelling coat, mineral substrate ($R_t >1$ to 10 mm) Repairing defective spots on the existing mineral substrate with levelling coat with Triflex DeckFloor basis in the area of roughness depths $R_t >1$ to 10 mm. Triflex DeckFloor levelling coat made from 33 kg Triflex DeckFloor with the addition of up to 20 kg quartz sand (0.7–1.2 mm), grey finish, consumption of at least 2.00 kg/m² per mm layer thickness. Triflex Powder Thixo, addition depending on temperature and the desired degree of thixotropy, approx. 2 %. Application according to the material manufacturer's technical guidelines. Average layer thickness:</p>	_____ /m ²	_____
5.3	_____ m ²	<p>Scratch coat, mineral substrate ($R_t >0.5-1.0$ mm) Repairing defective spots on the existing mineral substrate with scratch coat with Triflex DeckFloor basis in the area of roughness depths $R_t >0.5-1$ mm. Triflex DeckFloor scratch coat made from 33 kg Triflex DeckFloor with the addition of up to 10 kg quartz sand (0.2–0.6 mm), grey finish, consumption of at least 2.00 kg/m² per mm layer thickness. Application according to the material manufacturer's technical guidelines. Average layer thickness:</p>	_____ /m ²	_____
6		<p>Triflex detail waterproofing Creation of detail waterproofing with Triflex ProDetail incl. Triflex Special Fleece. The Triflex ProDetail waterproofing system has been awarded ETA approval (ETAG No. 06/0269) with CE mark in the highest usage categories W3, M and S, P1 to P4, S1 to S4, TL4, TH4, BROOF(t1), BROOF(t2), BROOF(t3), BROOF(t4). Test reports certify the root resistance according to FLL standards and resistance to hailstorm according to DIN EN 13583 for hard and flexible substrates. A general building supervisory authority test certificate (abP) as per VV TB, Part C, No. C 3.28 is also available, as well as root resistance as per FLL standards.</p>		

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
6.1	_____ m	Wall junction Waterproofing of the wall junction with Triflex ProDetail incl. Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1702) Junction height: cm	_____ /m	_____
6.2	_____ m ²	Kerb, threshold Waterproofing of the junction at the kerb and threshold with Triflex ProDetail incl. Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1704)	_____ /m ²	_____
6.3	_____ m	Kerb, collision protection Bond a cover plate to the kerb using Triflex Cryl Paste and additional mechanical anchors if necessary. Triflex Cryl Paste, consumption: at least 0.50 kg/m ² . Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1704)	_____ /m	_____
6.4	_____ pc.	Gully Waterproofing of gully with Triflex ProDetail incl. Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1705)	_____ /pc.	_____
6.5	_____ m	Drainage channel Waterproofing of the drainage channel with Triflex ProDetail incl. Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1705)	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
6.6	_____ pc.	Column joint Waterproofing of the prop connectors with Triflex ProDetail, including Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1703) Junction height: cm	_____ /pc.	_____
6.7	_____ pc.	Penetration Waterproofing of penetrations with Triflex ProDetail incl. Triflex Special Fleece. Junction height at least 15 cm above the upper edge of the surfacing solution. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines. (Corresponds to Triflex system drawing DeckCoat-1703) Junction height: cm	_____ /pc.	_____
6.8	_____ m	Door sill Waterproofing of the junction at the door sill with Triflex ProDetail incl. Triflex Special Fleece. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m ² . Application according to the material manufacturer's technical guidelines.	_____ /m	_____
7		Triflex joint waterproofing Creation of joint waterproofing with Triflex ProDetail incl. Triflex Special Fleece. The Triflex ProDetail waterproofing system has been awarded ETA approval (ETA No. 06/0269) with CE mark in the highest usage categories W3, M and S, P1 to P4, S1 to S4, TL4, TH4, BROOF(t1), BROOF(t2), BROOF(t3), BROOF(t4). Test reports certify the root resistance according to FLL standards and resistance to hailstorm according to DIN EN 13583 for hard and flexible substrates. A general building supervisory authority test certificate (abP) as per VV TB, Part C, No. C 3.28 is also available.		

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
7.1	_____ m	<p>Construction joint Waterproofing of the construction joint with Triflex ProDetail incl. Triflex Special Fleece. If required, level out the joint using Triflex Cryl RS 240 (mineral substrates) or Triflex Cryl RS 242 (bituminous substrates). Width cm, Consumption of Triflex Cryl RS 240 / Triflex Cryl RS 242: approx. 2.20 kg/m² per mm layer thickness. Triflex ProDetail, colour 7030, consumption at least 3.00 kg/m². Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1706)</p>	_____ /m	_____
7.2	_____ m	<p>Settlement joint surface Waterproofing of the settlement joint with Triflex ProDetail incl. Triflex Special Fleece. Apply a width of approx. 4 cm of Triflex Cryl Paste to both sides of the joint to bond the Triflex Support Strip, Consumption: 1.40 kg/m² per mm coat thickness. Triflex ProDetail, colour 7030, consumption at least 2.10 kg/m incl. fitting of 2 layers of Triflex Special Fleece, fleece width 35 cm and a PE round sealing band (closed-cell). Triflex FlexFiller, colour 7043, consumption at least 1.40 kg/m² per mm layer thickness. Application as per the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1707)</p> <p>Note: The settlement joints are all maintenance joints. It may be necessary to renew the joint sealant after structural movement.</p>	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
7.3	_____ m	<p>Settlement joint – wall junction Waterproofing of the settlement joint with Triflex ProDetail incl. Triflex Special Fleece. Apply a width of approx. 4 cm of Triflex Cryl Paste to both sides of the joint to bond the Triflex Support Strip, Consumption: 1.40 kg/m² per mm coat thickness. Triflex ProDetail, colour 7030, consumption at least 2.10 kg/m incl. fitting of 2 layers of Triflex Special Fleece, fleece width 35 cm and a PE round sealing band (closed-cell). Triflex FlexFiller, colour 7043, consumption at least 1.40 kg/m² per mm layer thickness. Application as per the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1708) Junction height: cm</p> <p>Note: The settlement joints are all maintenance joints. It may be necessary to renew the joint sealant after structural movement.</p>	_____ /m	_____
7.4	_____ m	<p>Filling the stop The previously established cut (at least 15 mm deep and 5 mm wide) is filled to complete with the work with Triflex FlexFiller, including all masking work. Triflex FlexFiller, colour 7043, consumption at least 1.40 kg/m² per mm layer thickness. Application as per the material manufacturer's technical guidelines. (See Triflex system drawings DeckCoat-1702-1708)</p>	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
8		Triflex surface coating	Amount carried forward:	_____
8.1	_____ m ²	<p>Coating Triflex Cryl Finish 209, including quartz sand Creation of a coating for little used parking deck areas. Coating of the surface with Triflex Cryl Finish 209, including dressing with a surplus of quartz sand, size 0.7–1.2 mm. Removal of any surplus after curing. Triflex Cryl Finish 209, colour approx., consumption at least 0.70 kg/m² Quartz sand 0.7–1.2 mm, consumption at least 7.00 kg/m² with a surplus. Application according to the material manufacturer's technical guidelines. (See Triflex system drawing DeckCoat-1701)</p> <p>System and product characteristics: - Waterproof thin-layer system based entirely on polymethyl methacrylate (PMMA) base - For little used intermediate decks - Withstands mechanical loads - Seamless - Full-surface adhesion and resistant to infiltration from below - Rigid - Cold-applied - Fast-curing - Ready for vehicle traffic after approx. 2 hours (+23 C) - Chemical-resistant - Weather and light resistant,(UV, IR) - Butyl-free - Solvent-free - Non-slip</p>	_____ /m ²	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
8.2	_____ m ²	<p>Allowance for surface coating (R_t = 0.2 mm) Surcharge for additional levelling off of the roughness depth for each 0.5 mm with Triflex Cryl Finish 209. Determination of the roughness depth after surface preparation as per Rili-SIB (2001).</p> <p>To achieve the minimum layer thicknesses as per the Repair Guideline, the respective minimum thickness surcharges and layer thickness surcharges (dz) for levelling off roughness depths (R_t) must be included. R_t = 0.2 mm / dz = 300 µm Consumption: at least 0.40 kg/m²</p>	_____ /m ²	_____
8.3	_____ m ²	<p>Allowance for surface coating (R_t = 0.5 mm) To achieve the minimum layer thicknesses as per the Repair Guideline, the respective minimum thickness surcharges and layer thickness surcharges (dz) for levelling off roughness depths (R_t) with Triflex Cryl Finish 209 must be included. R_t = 0.5 mm / dz = 600 µm Consumption: at least 1.00 kg/m²</p>	_____ /m ²	_____
8.4	_____ m ²	<p>Allowance for surface coating (R_t = 1.0 mm) To achieve the minimum layer thicknesses as per the Repair Guideline, the respective minimum thickness surcharges and layer thickness surcharges (dz) for levelling off roughness depths (R_t) with Triflex Cryl Finish 209 must be included. R_t = 1.0 mm / dz = 1000 µm Consumption: at least 2.00 kg/m²</p>	_____ /m ²	_____
9		Triflex finish		
9.1	_____ m	<p>Finishing of wall junction Finishing of wall junctions with Triflex Cryl Finish 209. Consumption: at least 0.50 kg/m². Application according to the material manufacturer's technical guidelines. Junction height: cm Colour: at the discretion of the client.</p>	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
9.2	_____ m ²	Finishing of kerb, threshold Finishing in the area of rising kerbs/thresholds with Triflex Cryl Finish 209. Consumption: at least 0.50 kg/m ² . Application as per the material manufacturer's technical guidelines. Colour: at the discretion of the client.	_____ /m ²	_____
9.3	_____ pc.	Finishing of railing posts Finishing in the area of rising railing posts with Triflex Cryl Finish 209. Consumption: at least 0.50 kg/m ² . Application as per the material manufacturer's technical guidelines. Junction height: cm Colour: at the discretion of the client.	_____ /pc.	_____
9.4	_____ pc.	Finishing of penetration Finishing in the area of rising penetrations with Triflex Cryl Finish 209. Consumption: at least 0.50 kg/m ² . Application as per the material manufacturer's technical guidelines. Junction height: cm Colour: at the discretion of the client.	_____ /pc.	_____
9.5	_____ m ²	Finish of the surface Finishing of surface with Triflex Cryl Finish 209. Consumption: at least 0.50 kg/m ² . Application as per the material manufacturer's technical guidelines. Colour: at the discretion of the client.	_____ /m ²	_____
10		Triflex Marking		
10.1	_____ m	Thin-layer marking, parking bays Marking of parking bays with Triflex Cryl Finish 209. Width of outline: 10 cm incl. tape. Consumption: at least 0.70 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 2. Colour: at the discretion of the client.	_____ /m	_____

Amount carried forward: _____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
10.2	_____ pc.	Thin-layer marking, disabled parking bays Marking of disabled parking bays with Triflex Cryl Finish 209, incl. taping and, where required, provision of template. Consumption: at least 0.70 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 2. Colour: at the discretion of the client.	_____ /pc.	_____
10.3	_____ pc.	Thin-layer marking, direction arrows Marking of direction arrows with Triflex Cryl Finish 209, incl. taping and, where required, provision of template. To include the following arrows - Straight: pc. - Left: pc. - Right: pc. Consumption: at least 0.70 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 2. Colour: at the discretion of the client.	_____ /pc.	_____
10.4	_____ m	Thin layer of marking paint, parking bays Marking of parking bays with Preco Line 300. Width of outline: 10 cm incl. tape. Consumption: at least 0.44 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 3. Colour: at the discretion of the client.	_____ /m	_____
10.5	_____ pc.	Thin layer of marking paint, disabled parking bays Marking of disabled parking bays with Preco Line 300, incl. taping and, where required, provision of template. Consumption: at least 0.44 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 3. Colour: at the discretion of the client.	_____ /pc.	_____
10.6	_____ pc.	Thin layer of marking paint, directional arrows Marking of direction arrows with Preco Line 300, incl. taping and, where required, provision of template. To include the following arrows - Straight: pc. - Left: pc. - Right: pc. Consumption: at least 0.44 kg/m ² . Application as per the material manufacturer's technical guidelines, see Triflex DMS, version 3. Colour: at the discretion of the client.	_____ /pc.	_____
			Amount carried forward:	_____



Specifications

Item no.	Quantity	Subject of service	Unit price EUR	Total price EUR
			Amount carried forward:	_____
11		Hourly rates		
11.1	_____ hrs.	Hourly rate of a foreman.	_____ /hr.	_____
11.2	_____ hrs.	Hourly rate of a skilled worker.	_____ /hr.	_____
11.3	_____ hrs.	Hourly rate of an assistant.	_____ /hr.	_____
12		Materials		
12.1	_____ kg	Material consumption upon proof.	_____ /kg	Unit price
13		Disposal		
13.1	Lump sum	Disposal of all waste and hazardous waste materials in accordance with the current applicable laws and implementing regulations.	Lump sum	_____
		Net total:		_____
		Statutory VAT at _____%		_____
		Gross total:		_____