



AB-POLYMERCHEMIE GmbH
Quality and Competence

Check list

Coatings / waterproofing with resins

Employee: _____

Date: _____

1.) Object description:

Company / name: _____

Street: _____

Postal code: _____

City: _____

Phone: _____

Fax: _____

Contact person: _____

E-Mail: _____

Project: _____

Constructor / main contractor: _____

overground

underground

civil engineering

new building

old building

planned engineering

indoor

outdoor

cover over: yes no

residential house

commercial building

factory / industry

other: _____

Year of construction: _____

Last renovation / maintenance: _____

floor

board

top

roof

roadway

bridge

parking area

ramp

tank

basin

shaft

balcony

photo

other: _____

2.) Sealing / isolation existing (in case of contact to earth) ?:

resistant to moisture / damp

yes

no

resistant to not rising moisture / damp

yes

no

resistant to rising moisture / damp (groundwater)

yes

no

existing vapour diffusion barrier

yes

no

3.) Substrate:

steel fibre concrete

vacuum concrete

concrete > B25

cement screed

hard aggregate screed

anhydrite

magnesia

asphalt

synthetic coating

metal (St / Al)

tiles

PCC - screed

synthetic resin screed

surface: floor m² _____

surface: wall m² _____

photo

other: _____



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4.) Surface:

- | | | | |
|--|--|------------------------------------|--|
| <input type="checkbox"/> blade-smoothed | <input type="checkbox"/> smooth | <input type="checkbox"/> rough | <input type="checkbox"/> disc-smoothed |
| <input type="checkbox"/> cement laitance | <input type="checkbox"/> hard | <input type="checkbox"/> brittle | <input type="checkbox"/> incline |
| <input type="checkbox"/> uneven | <input type="checkbox"/> flat | <input type="checkbox"/> absorbent | <input type="checkbox"/> not absorbent |
| <input type="checkbox"/> untreated | <input type="checkbox"/> treated with: _____ | | <input type="checkbox"/> old coating |
| <input type="checkbox"/> photo | <input type="checkbox"/> other: _____ | | |

notes: _____

5.) Surface characteristics:

Condition of the surface

- contaminated areas
- oil-contaminated areas
- damaged areas
- efflorescence
- hollow areas
- cracks
- damaged joints
- repaired areas
- delamination
- other:

	a few	many	m ²	all-over	photo
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

6.) Surface roughness:

- 0,2 mm 0,5 mm 1,0 mm > 1 mm

7.) Cracks:

- | | | | |
|-----------------------------------|-----------------|-----------------------------------|-----------------|
| <input type="checkbox"/> ≤ 0,3 mm | length: _____ m | <input type="checkbox"/> ≤ 0,5 mm | length: _____ m |
| <input type="checkbox"/> ≤ 1,0 mm | length: _____ m | <input type="checkbox"/> > 1 mm | length: _____ m |
- photo

8.) Joint(s):

- expansion joint(s) yes no breadth / length: _____
- connecting joint(s) yes no breadth / length: _____
- construction joint(s) yes no breadth / length: _____
- joint material: _____
- photo
- notes: _____

9.) Joint status:

- longitudinal crack crack across flank demolition brittle
- photo
- notes: _____



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10.) Expected loading:

Mechanical stress:

- truck - traffic
- car - traffic
- fork lift truck - traffic (3-wheel?)
- manual lift truck
- pedestrian / foot traffic
- rolling stress
- abrasive stress
- impact stress

high	low	total weight	tyres
		kg	
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

Chemical stress:

- water
- acids
- alkalis
- solvents
- cleaner
- pH - value
- other:

high	low	concentration %	temperature °C	influence hours
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			
<input type="checkbox"/>	<input type="checkbox"/>			

notes: _____

- UV - radiation
- frost / de-icing salt change
- wetness
- thermal stress
- bacterial stress by _____
- radiation exposure by _____
- yes no constant temporary
- yes no constant changing
- temperature from _____ °C up to _____ °C

other: _____

notes: _____

11.) Optical characteristics / requirements:

- standard system
- unicolour
- glossy
- smooth
- quartz sand _____ mm
- Mandurax _____ mm
- flakes _____ mm
- layer thickness: _____ mm
- antistatic system
- multicolour
- silk gloss
- structured
- granite _____ mm
- Durop _____ mm
- other: _____
- ESD - system
- colour _____
- matt
- interference with: _____
- coloured quartz _____ mm
- SIC _____ mm
- UV - resistant

notes: _____



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12.) Safety:

- anti-skid "wet areas"
- anti-skid "dry areas"

Valuation R-Class	Displacement V-class

13.) Characteristic of maintenance:

- higher standards of cleaning
- normal standards

14.) Type / interval of cleaning:

- wet cleaning
- disinfecting* with:
- hot steam cleaning
- high pressure water jetting
- cleaning by hand / manual
- cleaning by machine
- other: _____

daily	weekly	temperature °C	pressure (bar)

notes: _____

15.) Additional Notes:



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System proposal

15.) Surface preparation:

- | | | |
|--|---|---|
| <input type="checkbox"/> vacuum shot blasting | <input type="checkbox"/> milling | <input type="checkbox"/> diamond grinding |
| <input type="checkbox"/> high pressure water jetting (> 800 bar) | <input type="checkbox"/> de-oil / Oilbuster | <input type="checkbox"/> flame descaling |
| <input type="checkbox"/> cleaning / free from dust | <input type="checkbox"/> other: _____ | |

16.) Surface check:

- | | | | |
|-------------------------------------|---|--|---|
| residual moisture | <input type="checkbox"/> < 0,5 % (weight) | <input type="checkbox"/> < 4 % (weight) | <input type="checkbox"/> < 6 % (weight) |
| pull off strength | <input type="checkbox"/> < 1,5 N/mm ² ; value: _____ N/mm ² | <input type="checkbox"/> > 1,5 N/mm ² | |
| chloride content < 0,25 % (weight) | <input type="checkbox"/> yes | <input type="checkbox"/> no | |
| free of alkali sensitive aggregates | <input type="checkbox"/> yes | <input type="checkbox"/> no | |

notes: _____

17.) System:

Measure:

- crack injection
- reconstruction
- green concrete protection
- bonding primer
- primer
- levelling coat / key coat
- concave moulding
- adhesion primer
- conductive layer
- self-levelling layer
- waterproofing / membrane
- spray elastomer / membrane
- intermediate / connection coat
- wearing coat
- sealer / top coat
- joint(s)

Product	with sanding		Consumption g/m ²
	yes	no	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	never sanding		
	<input type="checkbox"/>	<input type="checkbox"/>	
	never sanding		
	never sanding		
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	
	never sanding		

Collection of data:

Prepared by: _____

Consultant / Company: _____

Contact person: _____

Consultant / Signature: _____