

## Product Range

# EPILOX<sup>®</sup>

## Binder - Systems for the Construction Industry

- Formulation Examples:

Industrial Floorings

Functional and Decorative  
Floorings

Guideline Formulations for  
Complete Coatings

Specialty Systems

INNOVATIVE SERVICE

FOR THE INDUSTRY



## Formulation Examples

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## 1 Industrial flooring

### 1.1 Rough surface for heavy mechanical loads, thickness: ca 5 mm, subject to traffic, impermeable, non-skid (*sample 1*)

#### 1. Primer

Epilox® T 19-27 .....560 pbw  
Epilox® - hardener H 10-32 .....240 pbw

Consumption: in dependence on the surface  
Application: with rake, brush or roller

#### 2. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 1.5 kg/m<sup>2</sup>

#### 3. 1st Surfacer

Epilox® T 19-36/1000 .....540 pbw  
Epilox® - hardener H 10-30 .....260 pbw  
Quartz sand 0.08 - 0.2 mm .....600 pbw  
Quartz sand 0.4 - 0.8 mm .....2400 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing with levelling trowel

Thickness: ca 2.0 mm

#### 4. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 2.0 kg/m<sup>2</sup>

#### 5. 2nd Surfacer

Application like 1st surfacer

#### 6. Sprinkling with quartz sand 0.7 - 1.2 mm or 0.4 - 0.8 mm

Consumption: ca 2.2 kg/m<sup>2</sup>

#### 7. Sealing

Epilox® T 19-36/1000 .....100 pbw  
Epilox® - hardener H 10-31 .....55 pbw

Consumption: ca 0.4 kg/m<sup>2</sup>  
Application: with brush or roller

### 1.2 Surface with medium roughness, thickness: ca 5 mm, subject to traffic, impermeable, non-skid

#### 1. Primer

Binder according to 1.1

Consumption: in dependence on the surface  
Application: with rake or brush

#### 2. Sprinkling with quartz sand 0.1 - 0.7 mm

Consumption: ca 1.5 kg/m<sup>2</sup>

#### 3. 1st Surfacer

Epilox® T 19-27 .....560 pbw  
Epilox® - hardener H 10-32 .....240 pbw  
Quartz sand 0.1 - 0.7 mm .....3000 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing with levelling trowel

Thickness: ca 2.0 mm

#### 4. Sprinkling with quartz sand 0.1 - 0.7 mm

Consumption: ca 2.0 kg/m<sup>2</sup>

#### 5. 2nd Surfacer

Epilox® T 19-27 .....560 pbw  
Epilox® - hardener H 10-32 .....240 pbw  
Quartz sand 0.1 - 0.7 mm .....2000 pbw

Consumption: ca 1.7 kg/m<sup>2</sup>  
Application: with trowel and distributing with toothed trowel  
Thickness: ca 1.8 mm

#### 6. Sprinkling with quartz sand 0.1 - 0.7 mm

Consumption: ca 2.0 kg/m<sup>2</sup>

#### 7. Sealing

Epilox® T 19-32/1000 .....100 pbw  
Epilox® - hardener H 10-31 .....60 pbw

Consumption: ca 0.3 kg/m<sup>2</sup>  
Application: with brush or roller

## 1.3 Surface with low roughness, thickness: ca 5 mm, subject to traffic, impermeable, non-skid (*sample 2*)

### 1. Primer

Epilox® T 19-27 .....560 pbw  
Epilox® - hardener H 10-32 .....240 pbw

Consumption: in dependence on the surface  
Application: with rake, brush or roller

### 2. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 1.5 kg/m<sup>2</sup>

### 3. 1st Surfacers

Epilox® T 19-36/1000 .....540 pbw  
Epilox® - hardener H 10-30 .....260 pbw  
Quartz sand 0.08 - 0.2 mm .....600 pbw  
Quartz sand 0.4 - 0.8 mm .....2400 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing with levelling trowel  
Thickness: ca 2.0 mm

### 4. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 2.0 kg/m<sup>2</sup>

### 5. 2nd Surfacers

Application like 1st surfacer

### 6. Sprinkling with quartz sand 0.08 - 0.2 mm

Consumption: ca 2 kg/m<sup>2</sup>

### 7. Sealing

Epilox® T 19-36/1000 .....100 pbw  
Epilox® - hardener H 10-31 .....55 pbw

Consumption: ca 0.3 kg/m<sup>2</sup>  
Application: with brush or roller

## 1.4 Smooth surface, thickness: 4 mm, subject to traffic, impermeable

### 1. Primer

Binder according to **1.3**

Consumption: in dependence on the surface  
Application: with rake or brush

### 2. Sprinkling with quartz sand 0.1 - 0.7 mm

Consumption: ca 1.5 kg/m<sup>2</sup>

### 3. Surfacers

Epilox® T 19-27 .....560 pbw  
Epilox® - hardener H 10-32 .....240 pbw  
Quartz sand 0.1 - 0.7 mm .....3000 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing with levelling trowel  
Thickness: ca 2.0 mm

### 4. Sprinkling with quartz sand 0.25 - 0.4 mm

Consumption: ca 1.8 kg/m<sup>2</sup>

### 5. Top coat, self-levelling, accelerated curing

Epilox® T 19-34/700 .....660 pbw  
Epilox® - hardener H 10-37 .....330 pbw  
Quartz flour .....200 pbw  
Quartz sand 0.1 - 0.3 mm .....1000 pbw

Consumption: ca 1.6 kg/m<sup>2</sup> and mm  
Application: pouring, then distributing with screed rake

## 2 Functional and decorative floorings

### 2.1 Primers

#### 1. Universal primer

Epilox<sup>®</sup> T 19-38/700 .....100 pbw  
Epilox<sup>®</sup> - hardener H 10-30 .....50 pbw

Consumption: ca 0.2 - 0.4 kg/m<sup>2</sup>

Test on concrete 45  
Rt = 0.2 mm, climate 15/50, 0.2 kg/m<sup>2</sup>

Adhesive strength after 3 days: > 3.0 N/mm<sup>2</sup>  
Appearance: 100 % break in concrete

#### 2. Primer for smooth and weak roughened surfaces

Epilox<sup>®</sup> A 19-02 .....100 pbw  
Epilox<sup>®</sup> - hardener H 10-32 .....45 pbw  
(for T > 15 °C) or  
Epilox<sup>®</sup> - hardener H 10-36 .....45 pbw  
(for T > 10 °C)

Consumption: 0.1 - 0.2 kg/m<sup>2</sup>  
Application: with toothed trowel and rake

Test on concrete 45  
Rt = 0.2 mm, climate 15/50, 0.2 kg/m<sup>2</sup>

Adhesive strength after 3 days: > 3.0 N/mm<sup>2</sup>  
Appearance: 100 % break in concrete

#### 3. Primer for surfaces with medium roughness

Epilox<sup>®</sup> T 19-27 .....100 pbw  
Epilox<sup>®</sup> - hardener H 10-32 .....50 pbw  
(for T > 15 °C) or  
Epilox<sup>®</sup> - hardener H 10-36 .....50 pbw  
(for T > 10 °C)

Consumption: 0.2 - 0.3 kg/m<sup>2</sup>  
Application: with rake

System with Epilox<sup>®</sup> - hardener H 10-36:

Test on concrete 45  
Rt = 0.5 mm, climate 10/50, 0.3 kg/m<sup>2</sup>

Adhesive strength after 3 days: > 3.5 N/mm<sup>2</sup>  
Appearance: 100 % break in concrete

#### 4. Primer for rough surfaces and/or surfaces with loose structure

Epilox<sup>®</sup> T 19-32/1000 .....100 pbw  
Epilox<sup>®</sup> - hardener H 10-32 .....50 pbw  
(for > 15 °C) or  
Epilox<sup>®</sup> - hardener H 10-36 .....50 pbw  
(for > 10 °C)

Consumption: 0.3 - 0.4 kg/m<sup>2</sup>  
Application: with brush

System with Epilox<sup>®</sup> T 19-32/1000 and Epilox<sup>®</sup> - hardener H 10-32:

Test on concrete 45  
Rt = 0.7 mm, climate 15/50, 0.4 kg/m<sup>2</sup>

Adhesive strength after 3 days: > 3.3 N/mm<sup>2</sup>  
Appearance after 3 and 7 days: 100 % break in concrete

## 2.2 Top sealings

### 1. Colourless sealing

Epilox® T 19-32/ 1000 .....100 pbw  
Epilox® - hardener H 10-31 .....60 pbw

Consumption: in dependence on the required  
function of the coating and on the  
surface of the previous layer

### 2. Colourless sealing with improved reactivity, suitable for low temperature curing

( Pot life < 15 min ):

Epilox® T 19-34/700 .....100 pbw  
Epilox® - hardener H 10-30 .....55 pbw

### 3. Sealing with low reactivity

( Pot life < 20 min ):

Epilox® T 19-34/700 .....100 pbw  
Epilox® - hardener H 10-33 .....55 pbw

Consumption: in dependence on the function of  
the coating

### 4. Colourless sealing, low yellowing tendency

Epilox® T 19-38/700 .....100 pbw  
Epilox® - hardener H 10-34 .....50 pbw

## 2.3 Resinous screed

### 1. Resinous screed for heavy mechanical loads, subject to traffic, fast curing, high filler level, rough, porous (Binder content: 5.3 %, by weight).

Epilox® T 19-32/1000 .....80 pbw  
Epilox® - hardener H 10-36 .....40 pbw  
Quartz sand 0.7 - 1.2 mm .....1800 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, proper densification,  
mortar must be applied on fresh  
primer, to achieve a good  
adhesion

Thickness: up to 6 mm, preferably 2 x 3 mm  
with intermediate layer

### 2. Resinous screed for medium mechanical loads, subject to traffic, slow curing, high filler level, rough (Binder content: 9.1 %, by weight).

Epilox® T 19-38/1000 .....66 pbw  
Epilox® - hardener H 10-30 .....33 pbw  
Quartz sand 0.5 - 1 mm .....1000 pbw

Consumption: ca 1.7 kg/m<sup>2</sup> and mm

Application : with trowel, smoothing with  
levelling trowel, application on a  
sprinkled primer is possible,

Thickness: up to 6 mm, preferably in 2 layers  
each 3 mm, intermediate layer  
possible

## 2.4 Surfacer for coatings subject to mechanical loads

Slow curing, higher viscosity, medium roughness,  
good resistance to weak acids and bases and  
many industrial chemicals  
(Binder content: ca 28 %, by weight).

Epilox® T 19-32/1000 .....70 pbw  
Epilox® - hardener H 10-33 .....35 pbw  
Quartz sand 0.2 - 0.9 mm .....300 pbw  
Defoamer (BYK-A 501).....1 pbw

Consumption: ca 1.8 kg/m<sup>2</sup> and mm

Application : with trowel, smoothing with  
levelling trowel, application on a  
precured and sprinkled primer

Thickness : 2 layers, each ca 2 mm

## 2.5 Surfacers for floorings

Coloured, accelerated curing, levelling, medium roughness, resistance to heavy mechanical loads, wear resistance  
(Binder content: ca 28 %, by weight).

Epilox® T 19-34/700 .....67 pbw  
Epilox® - hardener H 10-37 .....33 pbw  
Quartz sand 0.2 - 0.7 mm .....250 pbw  
Pigment .....25 pbw  
Defoamer (BYK-A 501) .....10 pbw

Consumption: ca 1.5 kg/m<sup>2</sup> and mm  
Application: pouring, then distributing with a rake  
Thickness: 2.5 - 3.0 mm

The flowing mortar is applied on highly filled mortars, if impermeable coatings are required. The formulation may be applied for outside use.

2. Self-levelling coating, coloured, fast curing, smooth, good chemical resistance, weak and medium mechanical loads, wear resistance  
(Binder content ca 47 %, by weight).

Epilox® T19-34/700 .....67 pbw  
Epilox® - hardener H 10-37 .....33 pbw  
Quartz sand 0.08 - 0.2 mm .....100 pbw  
Pigment .....18 pbw  
Defoamer (BYK-A 501) .....3 pbw  
Levelling agent (Byketol-OK) .....2 pbw

Consumption: ca 1.5 kg/m<sup>2</sup> and mm  
Application: with rake  
Thickness: 1 - 2 mm

The levelling coat with fine grain size is applied as top coat for mortars or screeds with high filler levels. A further top coat is not required.

## 2.6 Floor coating, self-levelling

1. Self-levelling coating, coloured, slow curing, smooth, gloss, good resistance to chemicals, resistance to weak and medium mechanical loads, scratch-sensitive  
(Binder content: ca 40 %, by weight)

Epilox® T 19-34/700 .....65 pbw  
Epilox® - hardener H 10-31 .....35 pbw  
Quartz sand 0.08 - 0.2 mm .....120 pbw  
Pigment .....20 pbw  
Defoamer (BYK-A 530).....5 pbw  
Levelling agent (Byketol-OK) .....3 pbw

Consumption: ca 1.5 kg/m<sup>2</sup> and mm  
Application: with rake  
Thickness: 2 bis 3 mm

The self-levelling coating is poured as a top coat on mortars with high filler levels. The complete coating fulfils demands on clean rooms.

## 2.7 Screeds

1. Screed, "dry", slow curing, good resistance to chemicals  
(Binder content: 10 %, by weight)

Epilox® T 19-35/500 .....67 pbw  
Epilox® - hardener H 10-39 .....33 pbw  
Quartz sand 0 - 1 mm .....900 pbw  
Defoamer (BYK-A 530) .....10 pbw

Consumption: ca 2.2 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing  
Thickness: 6 - 15 mm, 1 or 2 layers, intermediate primer possible

2. Levelling screed, accelerated curing, self-levelling, good resistance, pore-sealing  
(Binder content: ca 50 %, by weight)

Epilox® T 19-34/700 .....65 pbw  
Epilox® - hardener H 10-30 .....35 pbw  
Quartz sand 0.08 - 0.2 mm .....100 pbw  
Defoamer (BYK-A 501).....5 pbw  
Levelling agent (Byketol-OK) .....5 pbw

Consumption: ca 1.4 kg/m<sup>2</sup> and mm  
Application: pouring, distributing and smoothing  
Thickness: down to 1 mm on mortars with bigger grain size, down to 3 mm as top coating

## 3 Examples for decorative coatings

### 3.1 System for floorings in the foodstuffs sector (sample 3)

#### 1. Primer

Epilox® T 19-38/700 .....100 pbw  
Epilox® - hardener H 10-30 .....50 pbw

Consumption: ca 300 g/m<sup>2</sup>  
Application: pouring, with roller or brush,  
distributing

#### 2. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 2 kg/m<sup>2</sup>

#### 3. Polymer screed

Epilox® T 19-32/1000 .....65 pbw  
Epilox® - hardener H 10-31 .....41pbw  
Quartz sand 0 - 1 mm .....800 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel, smoothing

#### 4. Sealing, brown-beige

Epilox® T 19-36/1000 .....160 pbw  
Epilox® - hardener H 10-31 .....45 pbw  
Epilox® - hardener H 10-40 .....38 pbw  
HEUCOSIN Spezial,  
Brown beige .....10 pbw  
Defoamer BYK-A 501.....1 pbw

Consumption: ca 0.6 bis 0.8 kg/m<sup>2</sup>  
Application: with toothed trowel, smoothing

### 3.2 Decorative coating with sprinkled chips and transparent sealing (sample 4)

#### 1. Primer

Epilox® T 19-36/700 .....100 pbw  
Epilox® - hardener H 10-30 .....47 pbw

Consumption: ca 300 g/m<sup>2</sup>  
Application: pouring, distributing with roller or  
brush

#### 2. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 2 kg/m<sup>2</sup>

#### 3. Levelling coating, white

Epilox® T 19-36/700 .....100 pbw  
Epilox® - hardener H 10-31 .....56 pbw  
TiO<sub>2</sub> Kronos 2160 .....8 pbw  
Defoamer BYK-A 501 .....4 pbw

Consumption: ca 500 g/m<sup>2</sup>  
Application: with toothed trowel or blade

#### 4. Sprinkling chips

#### 5. Remove loose chips from the surface

#### 6. Sealing, transparent

Epilox® T 19-34/700 .....100 pbw  
Epilox® - hardener H 10-34 .....54 pbw  
Defoamer BYK-A 501 .....1 pbw  
Levelling agent Byketol-OK .....1 pbw

Consumption: ca 200 g/m<sup>2</sup>  
Application: toothed blade, rake

## 3.3 Levelling coating, sealed, matt (sample 5)

### 1. Primer

Epilox<sup>®</sup> T 19-38/1000 .....100 pbw

Epilox<sup>®</sup> - hardener H 10-30 .....50 pbw

Consumption: ca 300 g/m<sup>2</sup>

Application: pouring, distributing with roller or brush

### 2. Sprinkling with quartz sand 0.4 - 0.8 mm

Consumption: ca 2 kg/m<sup>2</sup>

### 3. Self-levelling coating

Epilox<sup>®</sup> T 19-38/1000 .....200 pbw

Epilox<sup>®</sup> - hardener H 10-30 .....100 pbw

Quartz sand 0.08 - 0.2 mm .....450 pbw

Defoamer BYK-A 501 .....10 pbw

Levelling agent Byketol-OK .....5 pbw

HEUCOSIN Spezial,

Concrete grey .....55 pbw

Consumption: ca 1.4 kg/m<sup>2</sup>

Application: rake, toothed blade

### 5. Sealing, fine-rough, matt

Epilox<sup>®</sup> T 19-38/1000 .....260 pbw

Epilox<sup>®</sup> - hardener M 715 .....260 pbw

Clay .....290 pbw

Defoamer BYK-023 .....5 pbw

Anti-Terra 206 .....6 pbw

Blister Free 3 / MIBK ( 1:3 ) .....8 pbw

Water .....370 pbw

Thixotrop. agent Rheolate 20 ...511 pbw

Consumption: ca 60 g/m<sup>2</sup>

Application: roller, flat paint brush

## 4 Special systems

### 4.1 Coating compositions

#### 4.1.1 Coating composition No 1 (sample 6)

##### 1. Very flexible coating, brown beige

|                                  |         |
|----------------------------------|---------|
| Epilox® E 50-20 .....            | 770 pbw |
| Epilox® - hardener H 10-40 ..... | 165 pbw |
| Pigment .....                    | 65 pbw  |

Consumption: ca 1.1 kg/m<sup>2</sup> and mm  
 Application: for surfaces with rake or toothed trowel, for expansion joints with trowel

The coating shows ca 80 % elongation at room temperature and excel by impact toughness even at -20 °C.

##### 2. Flexible coating, pale green

|                                  |         |
|----------------------------------|---------|
| Epilox® TE 19-50 .....           | 680 pbw |
| Epilox® - hardener H 10-30 ..... | 255 pbw |
| Pigment .....                    | 5 pbw   |

Consumption: ca 1.1 kg/m<sup>2</sup> and mm  
 Application: for surfaces with rake or toothed trowel, for expansion joints with trowel

The coating shows ca 50 % elongation at room temperature. It may therefore be used for relatively wide expansion joints. The practical mechanical load for a coating with 4 mm thickness is ca 13 N/mm<sup>2</sup> at room temperature.

##### 3. Coating with weak flexibilisation, stone grey

|                                  |         |
|----------------------------------|---------|
| Epilox® M 711 .....              | 600 pbw |
| Epilox® - hardener H 10-33 ..... | 300 pbw |
| Pigment .....                    | 70 pbw  |

Consumption: ca 1.1 kg/m<sup>2</sup> and mm  
 Application: with rake or trowel

##### 4. Hard, elastic coating, pebble grey (smooth and glossy, wear resistant coating for mechanical loads)

|                                  |         |
|----------------------------------|---------|
| Epilox® T 19-34/700 .....        | 590 pbw |
| Epilox® - hardener H 10-31 ..... | 340 pbw |
| Pigment .....                    | 70 pbw  |

Consumption: ca 1.1 kg/m<sup>2</sup> and mm  
 Application: with rake or trowel

#### 4.1.2 Coating composition No 2

##### 1. Primer, brown-beige

|                                  |         |
|----------------------------------|---------|
| Epilox® E 50-20 .....            | 760 pbw |
| Epilox® - hardener H 10-40 ..... | 175 pbw |
| Pigment .....                    | 65 pbw  |

Consumption: in dependence on the surface  
 Application: with short-haired brush, broom or rake

##### 2. Flexibilized intermediate layer, pale green

|                                  |         |
|----------------------------------|---------|
| Epilox® TE 19-50 .....           | 640 pbw |
| Epilox® - hardener H 10-40 ..... | 80 pbw  |
| Epilox® - hardener H 10-31 ..... | 190 pbw |
| Pigment .....                    | 80 pbw  |
| Defoamer (BYK-A 530) .....       | 10 pbw  |

Consumption: ca 1.0 kg/m<sup>2</sup> and mm  
 Application: with rake

##### 3. Flexibilized intermediate layer, filled, sand-yellow

|                                  |         |
|----------------------------------|---------|
| Epilox® TE 19-50 .....           | 220 pbw |
| Epilox® T 19-32/1000 .....       | 220 pbw |
| Epilox® - hardener H 10-31 ..... | 185 pbw |
| Pigment .....                    | 60 pbw  |
| Quartz sand 0 - 0.315 mm .....   | 305 pbw |
| Defoamer (BYK-A 530) .....       | 10 pbw  |

Consumption: ca 1.3 kg/m<sup>2</sup> and mm  
 Application: with rake

##### 4. Wear resistant coating, filled, pebble grey

|                                    |         |
|------------------------------------|---------|
| Epilox® M 711 .....                | 310 pbw |
| Epilox® - hardener H 10-31 .....   | 140 pbw |
| Pigment .....                      | 70 pbw  |
| Quartz flour .....                 | 120 pbw |
| Quartz sand 0 - 0.315 mm .....     | 150 pbw |
| Quartz sand 0.25 - 0.4 mm .....    | 190 pbw |
| Defoamer (BYK-A 530) .....         | 10 pbw  |
| Levelling agent (Byketol-OK) ..... | 10 pbw  |

Consumption: ca 1.5 kg/m<sup>2</sup> and mm  
 Application: with trowel and rake

The roughness of the coating may be adjusted to a desired grade of non-skidness by sprinkling with fire-dried quartz sand of a suitable grain size.

## 4.1.3 Coating composition No 3

### 1. Flexibilized primer, colourless

Epilox® TE 19-50 .....730 pbw  
Epilox® - hardener H 10-36 .....270 pbw

Consumption: in dependence on the surface  
Application: with rake or brush

Test on concrete 45  
Rt = 0.7 mm, climate 10/50, 0.4 kg/m<sup>2</sup>

Adhesive strength  
after 3 days: 1.8 N/mm<sup>2</sup>  
after 7 days: >3.1 N/mm<sup>2</sup>  
Result of break  
after 3 days: up to 50 % in concrete  
after 7 days: 100 % in concrete

### 2. Flexibilized, reinforced intermediate layer, colourless

PP fabric  
Epilox® M 711 .....666 pbw  
Epilox® - hardener H 10-30 .....333 pbw

Consumption: depending on the type of the fabric  
Application: with rake or brush

### 3. Weak flexibilized, wear resistant coating, filled, silver grey, non-skid

Epilox® M 711 .....235 pbw  
Epilox® - hardener H 10-31 .....130 pbw  
Pigment .....75 pbw  
Quartz flour .....140 pbw  
Quartz sand 0.25 - 0.4 mm .....100 pbw  
Quartz sand 0.5 - 0.8 mm .....170 pbw  
Quartz sand 0.71 - 1.25 .....640 pbw  
Defoamer (BYK-A 530) .....10 pbw

Consumption: ca 1.9 kg/m<sup>2</sup> and mm  
Application: with trowel

## 4.1.4 Coating composition No 4

### 1. Weak flexibilized primer, concrete grey

Epilox® T 19-38/700 .....600 pbw  
Epilox® - hardener H 10-30 .....300 pbw  
Pigment .....80 pbw

Consumption: in dependence on the surface and the type of the fabric  
Application: with rake, brush or roller

Apply the glass fabric into the primer.

The glass fabric tends to move to the surface. It is therefore recommended to fix the glass fabric onto the surface or to apply it into the pre-cured, sticky primer and to smooth it by rolling. The fabric is then covered with primer again and smoothed by rolling.

### 2. Screed, flexibilized, silver grey

Epilox® TE 19-50 .....45 pbw  
Epilox® M 711 .....45 pbw  
Epilox® - hardener H 10-36 .....38 pbw  
Quartz flour .....60 pbw  
Quartz sand 0 - 0.315 mm .....110 pbw  
Quartz sand 0.25 - 0.4 mm .....150 pbw  
Quartz sand 0.5 - 0.8 mm .....200 pbw  
Quartz sand 0.7 - 1.2 mm .....250 pbw  
Defoamer (BYK-A 530) .....10 pbw  
Levelling agent (Byketol-OK) .....12 pbw  
Pigment .....80 pbw

Consumption: ca 2.1 kg/m<sup>2</sup> and mm  
Thickness: 2 mm  
Application: with trowel or smoothing bar

## sample 7

Coating composition according to coating composition No 3. The PP fabric was substituted by a glass fiber roving fabric with a weight per area of 300 g/m<sup>2</sup>.

## 4.2 Examples for aqueous systems

### 4.2.1 Primer/Adhesive joint

Epilox<sup>®</sup> T 19-32/1000 .....100 pbw  
Epilox<sup>®</sup> - hardener M 715 .....100 pbw  
Water .....(>) 50 pbw

Consumption: in dependence on the surface,  
dilution with water  
Application: with brush, roller, rake or spray  
gun

Adhesive strength ( above formulation )  
after 2 days: 1.8 N/mm<sup>2</sup>  
after 8 days: 2.1 N/mm<sup>2</sup>

### 4.2.2 Primer/Adhesive joint

Epilox<sup>®</sup> T 19-27 .....100 pbw  
Epilox<sup>®</sup> - hardener H 12-01 .....115 pbw  
Water .....185 pbw

### 4.2.3 Flexibilized Primer/Adhesive joint

Epilox<sup>®</sup> TE 19-50 .....100 pbw  
Epilox<sup>®</sup> - hardener M 715 .....75 pbw  
Water .....> 50 pbw

Consumption: in dependence on the surface  
Application: with brush, roller, rake

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