



System solutions
for agriculture

Slurry containers



The problem Poor concrete quality, insufficient reinforcement cover and errors in installation, slurry containers are often liable to damage such as spalling and corrosion of the reinforcement



Construction of walls and flooring

- Improvement works:**
BOTAMENT® M 36 Speed
Fast-hardening cement mortar
- Cavity filling:**
BOTAMENT® RD 2^{THE GREEN 1}
Reactive sealant
- BOTAMENT® SB 78**
System sealing tape
- 1st sealing layer:**
BOTAMENT® RD 2^{THE GREEN 1}
Reactive sealant
- 2nd sealing layer:**
BOTAMENT® RD 2^{THE GREEN 1}
Reactive sealant

The solution

Unevenness, pitting and imperfections in the concrete are levelled out on the pre-wetted substrate using the fast-hardening cement mortar BOTAMENT® M 36 Speed.

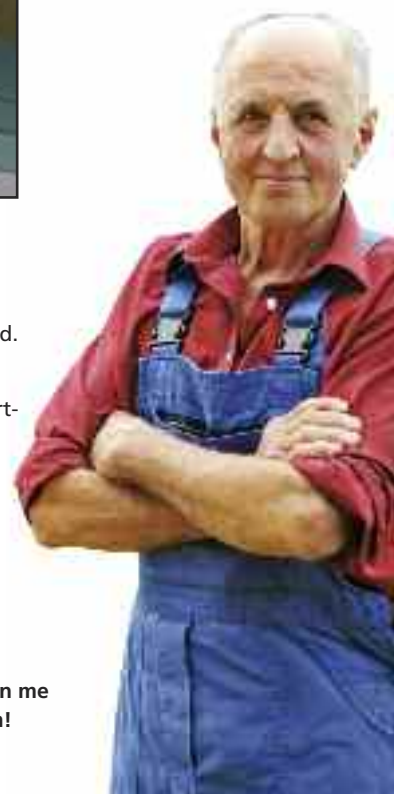
The cavity filling of the reactive sealant BOTAMENT® RD 2^{THE GREEN 1}, again on the pre-wetted substrate, is used to close the pores. Following this, the 1st layer of RD 2^{THE GREEN 1} is used to work the system sealing tape BOTAMENT® SB 78 into the inner corners and the 2nd layer is

used to reinforce the sealing tape.

A dry layer thickness of 2.5 mm must be observed.

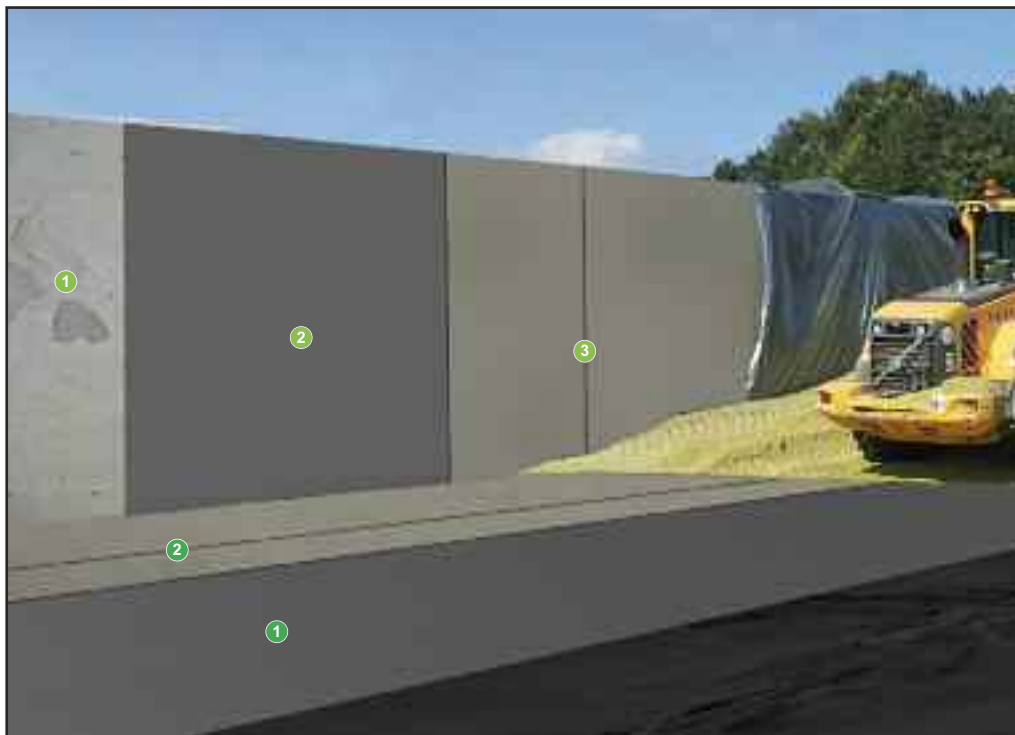
Raising the sealant up to the area exposed to weathering provides further protection to the concrete against frost.

I'm convinced!
Botament has given me
the optimal system!





The problem The aggressive nature of silage effluents, primarily when storing maize, attacks the reinforced concrete parts. Spalling and corrosion threaten the stability of the walls, while silage effluents may also be emitted, which pollute the ground water



Wall construction

- 1 **Improvement works:**
BOTAMENT® M 36 Speed
Fast-hardening cement mortar
- 2 **Priming:**
BOTAMENT® BV 2 Primer
Floor sealant 2c
- 3 **Two-layer application:**
BOTAMENT® UV 2 HP
Highly-resistant floor sealant 2c

Floor construction

- 1 **Priming:**
BOTAMENT® BV 2 Primer
Floor sealant 2c
- 2 **Two-layer application:**
BOTAMENT® UV 2 HP
Highly-resistant floor sealant 2c

The solution

Unevenness, pitting and imperfections in the concrete are levelled out with M 36 Speed on the pre-wetted substrate. After this, a layer of BV 2 transparent primer is applied, followed by two layers of the highly-resistant sealant BOTAMENT® UV 2 HP, with around 500 to 600 g/m² applied.

Raising the coating up to the areas exposed to weathering further protects the concrete from frost in non-covered facilities.

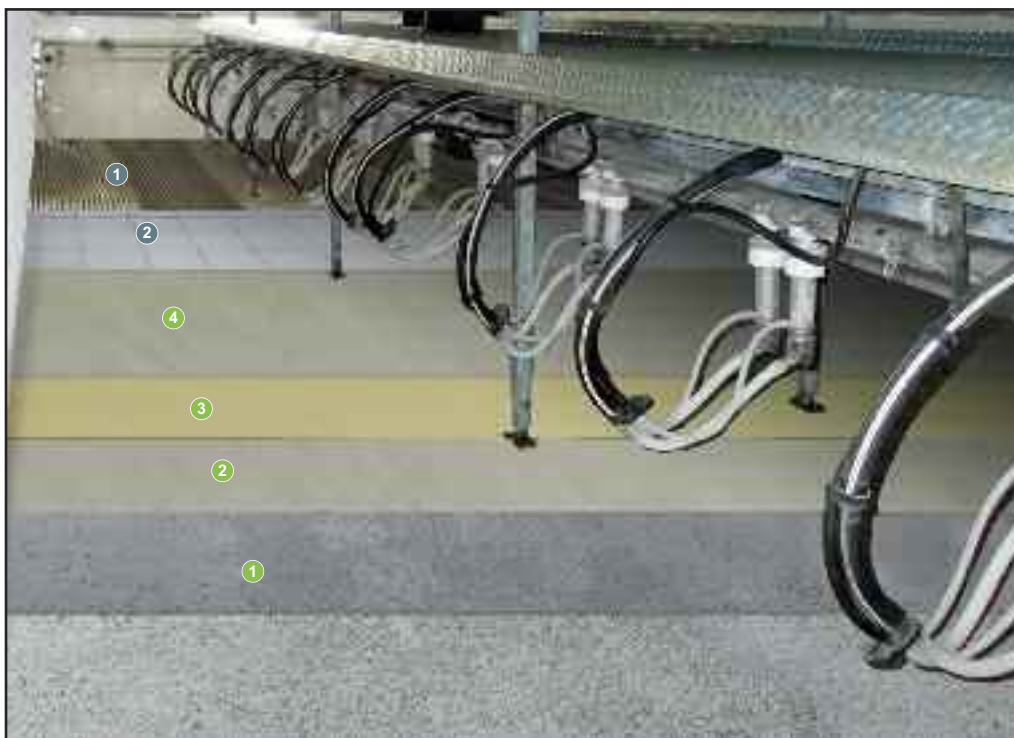
During renovation, concrete repairs may be necessary in heavily worn areas of the concrete. Surface cavity filling can be performed as a replacement for primer on mixed substrates. In the wall area using BOTAMENT® RD 2 The Green 1. This is again followed by two-layer sealing of the wall surfaces using BOTAMENT® UV 2 HP.



Milking parlour



The problem Damage to the milking parlour on tiling or coatings may result in considerable consequential costs. The safety and well-being of animals also can also trigger additional expenses.



Floor construction

Tiled substrate

- 1 Adhesion: BOTAMENT® TK 150
- 2 Grouting: BOTAMENT® EF 500/EK500

Sealed substrate

- Priming:**
- 1 BOTAMENT BV 2
Floor sealant 2c
- 1st layer of sealant:**
- 2 BOTAMENT® UV 2 HP
Highly resistant floor sealant 2c
- Sanding:**
- 3 Silica sand 0.1 - 0.3 mm
- Two-layer application:**
- 4 BOTAMENT® UV 2 HP
Highly-resistant floor sealant 2c

The solution

For flooring, the primer BV 2 transparent is first applied on to the dry substrate. This is followed by two layers of the highly-resistant sealant UV 2 HP, with approx. 500 g/m² applied. Where increased slip-resistance is required, the first layer can be sanded off using fire-dried silica sand (grain size 0.1 - 0.3 mm).

Tiled flooring can be stuck using the highly-resistant tile adhesive TK 150 and then grouted using the epoxy resin joint and adhesive mortar EF 500.



Slat flooring & channels



The problem Slat flooring and channels in the stable areas are subject to permanent loads when used. Renovation measures are often an enormous issue both in terms of organisation and finance.



Construction of slat flooring

- 1 Priming:**
BOTAMENT® BV 2
Floor sealant 2c
- 2 1st layer of sealant:**
BOTAMENT® UV 2 HP
Highly resistant floor sealant 2c
- 3 Sanding:**
Silica sand 0.1 - 0.3 mm
- 4 Two-layer application:**
BOTAMENT® UV 2 HP
Highly-resistant floor sealant 2c

Construction of slurry tanks

- 1 1st Improvement works:**
BOTAMENT® M 36 Speed
Fast-hardening cement mortar
- 2 2nd Priming:**
BOTAMENT® BV 2
Floor sealant 2c
- 3 Two-layer application:**
BOTAMENT® UV 2 HP
Highly-resistant floor sealant 2c

The solution

In the channel areas, unevenness, pitting and imperfections in the concrete are levelled out with the fast-setting mortar M 36 Speed on the pre-wetted substrate and then the primer BV 2 transparent is applied to the dry substrate. After this, two layers of the highly-resistant sealant UV 2 HP are applied, with approx. 500 g/m² used. On the slat flooring, the primer BV 2 transparent is first applied to the dry substrate.

This is followed by two layers of the highly-resistant sealant UV 2 HP, with approx. 500 g/m² applied. Where increased slip-resistance is required, the first layer can be sanded off using fire-dried silica sand (grain size 0.1 - 0.3 mm).



The system solution for agriculture

Improvements

BOTAMENT® M 36 Speed Multifunction rapid cement mortar



BOTAMENT® M 36 Speed is a single component, rapidly curing and very versatile mortar for interior and exterior repair and installation works.

- Highly sulphate-resistant
- Rapidly capable of being exposed to water
- Capable of withstanding heavy mechanical loading
- Highly frost-resistant
- High water-imperviousness
- Without any corrosive substances and chloride-free
- High abrasion-resistance

Consumption: approx. 1.9 kg/m² per mm layer thickness

Colour: grey

25 kg- Paper bag

Pallet delivery:
40 x 25 kg



Sealant

BOTAMENT® BV 2 Floor sealant



BOTAMENT® BV 2 is a top-quality impregnation and sealant with a silk sheen for mineral floor surfaces in interior and exterior areas.

- For dry and wet areas
- For mechanically and chemically loaded surfaces
- Highly resistant against petrol, oil and tyre softening agents
- Low on odour
- Low inflammability (fire resistance class Bfl - s1 in accordance with DIN EN 13501-1)

Consumption:
transparent ~ 0.20 kg/m² / per coat
stone Grey ~ 0.25 kg/m² / per coat

Colour: grey

2 kg Paper bag
(9 per box)

13 kg Plastic bucket

Pallet delivery:
33 x 13 kg

Coating

BOTAMENT® RD 2^{THE GREEN 1} Fast, multifunction reactive sealing, 2 parts



- WITHOUT PRIMER
- HIGHLY EFFECTIVE, LITTLE REQUIRED

Thin layer thicknesses coupled with the highest yield are the main advantages of BOTAMENT® RD 2 THE GREEN 1.

- Fast waterproofing of building structures
- No priming necessary
- Highly flexible and crack-bridging
- Impervious even under negative water pressure (during construction phase)
- High UV, frost and aging resistance
- Can be painted over and rendered over
- With visible curing control
- Tested as mineral sealing slurry for the waterproofing of building structures in accordance with the Building Rules List A, Part 2
- Application for waterproofing of load scenarios covered by DIN 18195, Parts 4, 5 and 6 (please read the paragraph on "Important Information")

Consumption: Load scenario rising damp and non-accumulating seepage water (DIN 18195, Part 4): 2.7 kg/m²; corresponds to 2.3 mm wet layer thickness
Load scenario accumulating seepage and pressing water (DIN 18195, Part 6): 3.3 kg/m²; corresponds to 2.8 mm wet layer thickness

Colour: green

20 kg- Unit

10 kg liquid component (A)
10 kg powder component (B)

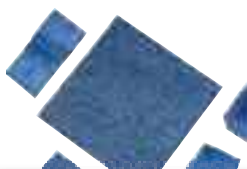
Pallet delivery:
12 x 20 kg

8 kg- Unit
4 kg liquid component (A)
4 kg powder component (B)



Accessories

BOTAMENT® SB 78 System sealing tape + accessories



PREMIUM-QUALITY!

BOTAMENT® SB 78 Sealing Tape & Accessories for the sealing of joint edges and corner joints in wet areas, such as are found in swimming pool construction and in areas subject to chemical loading. To be used as a system in conjunction with the BOTAMENT® damp-proof courses and the rapid reactive sealant BOTAMENT® RD 2 The Green 1. BOTAMENT® SB 78 is suitable for use in interior and exterior areas.

- High elasticity
- Tested for stress classes A0, A, B0, B and C
- For damp locations, terraces and balconies
- Highly tear-proof
- Quickly and easily fitted
- High aging resistance
- High chemical resistance

Consumption: Depending on application

Colour: blue

50 m roll, 12 cm wide

inside corners (x 10)
outside corners (x 10)

sealing sheet
120 x 120 mm (x 10)
425 x 425 mm (x 10)

Machine technology in the reactive sealing*

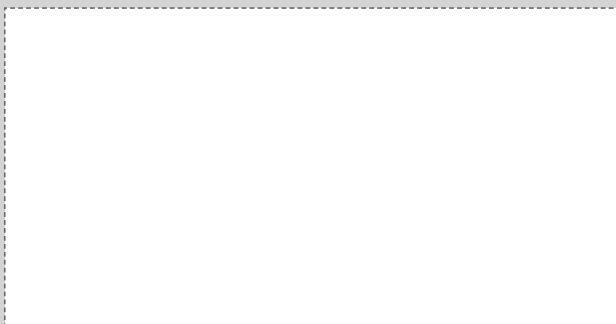
Material	BOTAMENT® RD 2 ^{The Green 1}	BOTAMENT® RD 2 ^{The Green 1}	BOTAMENT® RD 2 ^{The Green 1}
Manufacturer	J. Wagner GmbH	b&m GmbH	Inotec GmbH
Device	HC 960 G	BMP 6	inoMAT M8
Application method	Airless	Spiral pump	Peristaltic
Hose diameter	DN 13 DN 10	1 Zoll	3/4 -1 Zoll
Suction system	Rigid	Additional compressor needed Air quantity approx. 200 l/min	Additional compressor needed Air quantity approx. 330 l/min
Pistol filter	without	without	Air quantity approx. 330 l/min
HD-Filter	0 MA	without	without
Nozzle type	Trade Tip 2	6,5 mm	6 mm
Hose length	17,5 m	5 m	max. 15 m
Spray pressure (bar)	150	20-25	max. 15 bar
Set pressure (bar)	170	20-25	max. 15 bar
Nozzle size	433	6,5 mm	max. 15 bar
Pistol	AG 14	Spray lance b&m	Inotec injection pipe
Cleaning	Clean with water or diesel every 90 minutes	Pre-treatment with b&m slicing paste	Mit With sponge ball

* Please follow the respective manufacturer information and processing guidelines.

The information provided is based on our experiences and is not binding. It has to be checked against the respective building materials, applications and special local requirements. On these terms, we shall be liable for the accuracy of this information within the framework of our sales, delivery and payment conditions. To obtain optimum results we always recommend a building-site-specific test application. In any case the generally recognised technical rules must be respected.



Your BOTAMENT® dealer



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