

**PRODUCT
LIST**

Content

PU Injection Foam Resins	2	Injection Packers	11
WEBAC. 150	2	WEBAC. Injection Packers	11
WEBAC. 151	2	Primers	12
WEBAC. 155	2	WEBAC. 4204	12
WEBAC. 157	2	WEBAC. 4270	12
WEBAC. B15	2	WEBAC. 4270T	12
PU Casting Foam Resins	3	Coatings	12
WEBAC. 2260	3	WEBAC. 4430	12
WEBAC. B60	3	WEBAC. 4480	12
PU Injection Resins	3	WEBAC. Coving Mortar	13
WEBAC. 1401	3	OS 8 System	13
WEBAC. 1403	3	WEBAC. 4290	13
WEBAC. 1403P	3	WEBAC. 4490	13
WEBAC. 1404	4	Epoxy Putties and Adhesives	13
WEBAC. 1405	4	WEBAC. 4510	13
WEBAC. 1420	4	WEBAC. 4515	13
WEBAC. 1440	4	WEBAC. 4520	14
WEBAC. B14	4	WEBAC. 4525	14
WEBAC. 1610	5	WEBAC. 4525P	14
WEBAC. 1660	5	WEBAC. B45	14
WEBAC. B16	5	WEBAC. 4501 (Quick Set Cement)	14
PU Combi Injection Resin	5	Surface Sealings	15
WEBAC. 1500	5	WEBAC. 5611	15
Injection Gels	6	WEBAC. 5620	15
WEBAC. 240	6	WEBAC. 5621P, 5622P/F	15
WEBAC. 240 + Bseal I	6	Joint Repairs	15
WEBAC. 240 + Bseal II	6	WEBAC. 5520N, 5520N Thix	15
WEBAC. 250	6	WEBAC. Impact Profiles EPDM	16
Silicate Injection Grouts	7	WEBAC. Backing Rod for Joint Filling	16
WEBAC. 2061	7	Joint Sealings	16
WEBAC. 2100	7	WEBAC. Injection Tube	16
Injection Silane	7	WEBAC. Bentonite Swelling Tape	16
WEBAC. 2130	7	WEBAC. Polymer Swelling Tape	17
Epoxy Injection Resins	7	WEBAC. Sealing Tape TPE	17
WEBAC. 4110	7	Tie Point Sealings	17
WEBAC. 4120P	7	WEBAC. Plug/Ring/Flange	17
WEBAC. 4130	8	Cleaner	17
WEBAC. 4170	8	WEBAC. Cleaner A	17
WEBAC. 4170T	8	WEBAC. Cleaner B	17
WEBAC. 4180N	8	WEBAC. Lubricant	17
WEBAC. B40	8	Range of Application	18
Injection Pumps	9	Label Description	19
WEBAC. 1C Injection Pumps	9	General Terms and Conditions	20
WEBAC. 2C Injection Pumps	10		

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PU Injection Foam Resins

WEBAC® 150



- Crack repair in concrete
 - Tested according to ZTV-ING (RISS)
- Filling of cavities/voids in masonry and concrete in case of water ingress
- Sealing of foundation pits (material curtain-curtain injection in adjacent foundation): sheet pile wall, bored pile wall, underwater concrete
- Sealing in hydraulic engineering, e.g. (drinking) water tanks

- Fast and highly expanding foam
- Foam structure not too rigid
- Universally applicable, reliable application
- Adjustable reaction time (Accelerator **WEBAC. B15**)
- Good reactivity and extraordinary resistance to alkaline water up to pH-value 13

Mixing ratio
1 : 1 parts by volume

Workable life (23 °C/73 °F)
120 min

Application temperature
> 5 °C/41 °F

Reaction time
with 10% water (21 °C/70 °F)
Start: 14 s · End: 65 s

Expansion with 10% water
40-times

UBA-KTW*
Repair system for containers

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
200 kg	250 kg
21 kg	26 kg
10.5 kg	13 kg
5 kg	6.2 kg
0.450 kg	0.550 kg
(Combi)	

WEBAC® 151



- Filling of gaps and cavities/voids in masonry and concrete in case of water ingress
- Solidification of highly fissured masonry (e.g. natural stone masonry)
- Anchor head sealing for the rear anchoring of drilling anchors in special civil engineering

- Consistency:
 - Soft
 - Flexible
 - Solid
- Adjustable reaction time
- Universally applicable

Mixing ratio
1 : 1 to 1 : 10 parts by volume

Workable life (23 °C/73 °F)
120 min

Application temperature
> 5 °C/41 °F

Reaction time
with 10% water (21 °C/70 °F)
Start: 8 s – 20 s
End: 30 s – 100 s

Expansion with 10% water
10–30-times

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
19.5 kg	22 kg
10 kg	11 kg
5 kg	5.5 kg
2 kg	22 kg
1 kg	11 kg
0.5 kg	5.5 kg

WEBAC® 155

PU Foam



- Crack repair in concrete according to EN 1504-5 (CE declaration of performance 2+)
- Crack repair in masonry
- Waterproofing of structures, also against pressing water
- Sealing of anchor heads in special civil engineering

- Moisture-reactive 1C PU foam resin, permanent sealing effect due to a waterproof resin layer
- Water contact required for foam reaction and curing
- High elasticity and adhesion

Reaction time
with 10% water (21 °C/70 °F)
Start: 20 s
End: 130 s

Expansion with 10% water
22-times

UBA-KTW*
Repair system for containers

Unit

10.6 kg
5.3 kg

WEBAC® 157



- Junctions between cast in-situ concrete and precast units
- Expansion joint tapes with stainless steel rails
- Pipe ducts
- Floor/wall connection

- Elastic foam structure
- Low expansion pressure
- Reliable sealing
- Adjustable reaction time (Accelerator **WEBAC. B15**)

Mixing ratio
1 : 1 parts by volume

Workable life (23 °C/73 °F)
120 min

Application temperature
> 5 °C/41 °F

Reaction time
with 10% water (21 °C/70 °F)
Start: 20 s · End: 80 s

Expansion with 10% water
15-times

UBA-KTW*
Repair system for containers

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
21 kg	23 kg
10.5 kg	11.5 kg
4.5 kg	5 kg

WEBAC® B15

- Accelerates the reaction of PU injection foam resins **WEBAC. 150** and **WEBAC. 157**

Unit

4 kg
1 kg

* KTW = Drinking water certificate

PU Casting Foam Resins

WEBAC® 2260



- Sealing filling of cavities/voids and solidification in masonry structures
- Sealing of pipe ducts
- Filling of hollow bricks (e.g. poroton)

- Pressure resistant rigid foam, also cures without water
- Chlorine- and CFC-free
- Excellent adhesion
- Adjustable reaction time and expansion (accelerator **WEBAC® B60**)

Mixing ratio

1 : 1 parts by volume

Application temperature

> 5 °C/41 °F

Reaction time (23 °C/73 °F)

Start: 1 min 30 s – 5 min

End: 14 min – 50 min

Expansion (23 °C/73 °F)

without/with **WEBAC® B60**

4–14-times

Comp. A

10 kg

5 kg

Comp. B

12 kg

6 kg

WEBAC® B60

- Accelerates the foam reaction of PU casting foam **WEBAC® 2260**

Unit

0.5 kg

0.25 kg

PU Injection Resins

WEBAC® 1401



- Damp proof course (dpc) in masonry (certified according to WTA Code of Practice 4-4)
- Preferably for compact masonry structures and high wall thicknesses
- Sealing of gypsum-based masonry in monument conservation
- Sealing injection in masonry and open-pored concrete structures (e.g. tamped concrete)

- Capillary obstruction, solidifying
- Extremely low viscosity
- Low foam development
- Good penetration

Mixing ratio

3 : 1 parts by volume

Workable life (23 °C/73 °F)

120 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 45 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 14 min · End: 18 min

Comp. A

180 kg

25 kg

9 kg

Comp. B

3 x 25.3 kg

10.5 kg

3.8 kg

WEBAC® 1403



- Damp proof course (dpc) in masonry, especially in case of high water load classes
- Sealing of joint tapes
- Lateral infiltration in concrete
- Connection joints of precast walls
- Sealing of construction joints (waterproofing of gravel nests/honey combs)
- Foundation pit sealing
- Sealing injection in open-pored concrete structures (e.g. tamped concrete)

- Capillary obstruction, solidifying
- Quick-seal foam structure upon contact with water
- Low viscosity
- Universally applicable, reliable application
- Adjustable reaction time (accelerator **WEBAC® B14**)
- Environmentally friendly

Mixing ratio

1 : 1 parts by volume

Workable life (23 °C/73 °F)

90 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 80 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 2 min · End: 5 min 30 s

UBA-KTW*

Repair system for containers

KTW® D1 (large-surface sealants)

Comp. A

198 kg

21 kg

10.5 kg

5 kg

1 kg

Comp. B

217 kg

23 kg

11.5 kg

5.5 kg

1.1 kg

WEBAC® 1403P C€



- Crack repair in concrete according to EN 1504-5 (CE-Declaration of Performance 2+)
- Injection of injection tubes (general building approval (abP))
- Sewer repair

- Low viscosity
- Good elasticity
- Adjustable reaction time (accelerator **WEBAC® B14**)

Mixing ratio

1 : 1 parts by volume

Workable life (23 °C/73 °F)

120 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 105 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 2 min 15 s · End: 5 min 50 s

UBA-KTW*

Repair system for containers

KTW® D1 (large-surface sealants)

Comp. A

21.2 kg

10.4 kg

5 kg

Comp. B

22.5 kg

11 kg

5.3 kg

* KTW = Drinking water certificate

PU Injection Resins (continued)

WEBAC® 1404



- Damp proof course (dpc) in masonry
- Filling of cavities/voids in various structural elements
- Sealing injection in open-pored concrete structures (i.a. tamped concrete)

- Capillary obstruction, solidifying
- Highly economical
- Mainly based on renewable raw materials

Mixing ratio

3 : 1 parts by volume

Workable life (23 °C/73 °F)

60 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 110 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 22 min · End: 28 min

Comp. A

180 kg

23 kg

9.5 kg

Comp. B

3 x 25.3 kg

9.8 kg

4 kg

WEBAC® 1405



- Crack repair in concrete according to EN 1504-5 (CE-Declaration of Performance 2+)
- Tested according to ZTV-ING (RISS)
- Registered with the BAST list, monitored according to V 18028
- Injection of injection tubes (general building approval (abP)), construction joints
- Sealing of foundation pits

- High elasticity
- Low foam formation
- Good adhesive power, high edge adhesion to concrete, steel, polymer
- High shear strength
- Resistance to bitumen, coal tar pitch, existing sealings
- Environmentally friendly

Mixing ratio

2 : 1 parts by volume

Workable life (23 °C/73 °F)

50 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 150 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 6 min 30 s · End: 10 min

UBA-KTW*

Repair system for containers

KTW* D1 (large-surface sealants)

Comp. A

2 x 200 kg

20 kg

10 kg

5 kg

0.645 kg

(Combi)

Comp. B

220 kg

11.35 kg

5.5 kg

2.75 kg

0.355 kg

WEBAC® 1420



- Sealing of cracks and construction joints in biogas plants
- Sewer repair
- Crack repair in drinking water tanks
- Damp proof course (dpc) and sealing in masonry
- Connection joints of precast unit elements
- Separation joints in buildings

- High chemical resistance also to biogenic sulfuric acid
- High flexibility
- Quick-seal foam upon contact with water
- Compatible with bitumen
- Microbiologically tested (W 270 test according to DVGW regulations)

Mixing ratio

3 : 1 parts by volume

Workable life (23 °C/73 °F)

100 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 300 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 1 min · End: 4 min 30 s

KTW* D1 (large-surface sealants)

Comp. A

210 kg

16 kg

10 kg

Comp. B

3 x 28.6 kg

6.45 kg

4 kg

WEBAC® 1440



- Sealing injection of masonry and concrete
- Stabilization of masonry
- Damp proof course (dpc) in masonry

- Capillary obstruction, solidifying
- Tear resistant foam structure
- Fast foaming
- Microbiologically tested (W 270 test according to DVGW regulations)

Mixing ratio

3 : 1 parts by volume

Workable life (23 °C/73 °F)

120 min

Application temperature

> 5 °C/41 °F

Viscosity of mixture

(23 °C/73 °F) 250 mPa·s

Reaction time

with 5% water (21 °C/70 °F)

Start: 1 min · End: 4 min

KTW* D1 (large-surface sealants)

Comp. A

210 kg

16 kg

10 kg

Comp. B

3 x 28.6 kg

6.45 kg

4 kg

WEBAC® B14

- Accelerates the reaction of PU injection resins WEBAC® 1403, WEBAC® 1403P and WEBAC® 1405

Unit

5 kg

1 kg

* KTW = Drinking water certificate

PU Injection Resins (continued)

WEBAC® 1610



- Crack repair in masonry
- Filling of cavities/voids and stabilization of masonry
- Shaft sealing
- Needling of masonry in monument conservation

- Sealing, stabilizing
- Tough and solid
- Good penetration
- With accelerator **WEBAC® B16** also suitable for use at low temperatures
- Fast curing with or without water
- Slight foam formation upon contact with water

Mixing ratio
1 : 1 parts by volume

Workable life (23 °C/73 °F)
35 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 285 mPa-s

KTW* D1 (large-surface sealants)

Comp. A **Comp. B**

10 kg 11.5 kg

5 kg 5.8 kg

WEBAC® 1660



- Crack repair in concrete according to EN 1504-5:2013
- Filling of cavities/voids (quarry stone and unconsolidated rock)
- Stabilization of concrete
- Stabilization of masonry
- Injection of injection tubes

- Sealing, stabilizing
- High compressing and bending tensile strength
- With accelerator **WEBAC® B16** also suitable for use close to freezing point
- Fast curing with or without water
- Slight foam formation upon contact with water

Mixing ratio
1 : 1 parts by volume

Workable life (23 °C/73 °F)
25 min

Application temperature
> 1 °C/34 °F

Viscosity of mixture
(23 °C/73 °F) 450 mPa-s

UBA-KTW*
Repair system for containers

KTW* B (containers)

Comp. A **Comp. B**

10.5 kg 12.6 kg

WEBAC® B16

- Accelerates the reaction of PU injection resins **WEBAC® 1610** and **WEBAC® 1660**

Unit

1 kg

PU Combi Injection Resin

WEBAC® 1500 C€



- Crack repair in concrete according to EN 1504-5 (CE declaration of performance 2+)
- Crack repair in masonry
- Seepage in concrete
- Sealing of construction joints (gravel nests/honey combs)
- Filling of cavities/voids in masonry and concrete in case of water inrush
- Damp proof course (dpc) in masonry, particularly for higher humidity classes
- Sealing of foundation pits

- Fast sealing foam structure upon contact with water
- Low viscosity
- Elastic foam structure
- Universally applicable, reliable application
- Fast curing with or without water

Mixing ratio
1 : 1 parts by volume

Workable life (23 °C/73 °F)
25 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 450 mPa-s

Reaction time
with 10% water (21 °C/70 °F)
Start: 55 s
End: 3 min 30 s

Comp. A **Comp. B**

10.4 kg 11 kg

* KTW = Drinking water certificate

Injection Gels

WEBAC® 240



- Curtain gel injection
- Stabilization and sealing of foundation soil
- Damp proof course (dpc)
- Sealing within the construction

- Solid yet elastic
- Swells upon contact with water
- Environmentally friendly, National Technical Approval according to DIBt

Mixing ratio

Comp. A A1 : A2 = 16 : 1 parts by volume

Comp. B water : B-powder-concentrate = 98 : 2 parts by weight

Comp. A : Comp. B = 1 : 1 parts by volume

Application temperature
> 1 °C/34 °F

Viscosity of mixture
(23 °C/73 °F) 6 mPa·s

Reaction time at 2% B-concentration (20 °C/68 °F)
Flow limit: 40 s
Solid: 75 s

KTW* D1 (large-surface sealants)

Comp. A1 **Comp. A2**

21.5 kg 1.05 kg

Comp. B

1.0 kg

0.4 kg

0.2 kg

WEBAC® 240 + Bseal I



- Repair of damaged sheet and foil sealing
 - With ground contact
 - In tunnels, sewers, shafts, bridges and basements
- Sealing of annular gaps and voids in tubing constructions
- Sealing joints in case of permanent contact with water

- Polymer-reinforced
- Excellent strong adhesion to dry, damp and wet substrates
- High dimensional stability
- Low swelling
- Neglected volume loss during the drying process

Mixing ratio

A1 : A2 = 16 : 1 parts by volume
A : B = 1 : 1 parts by volume

Viscosity of mixture
(23 °C/73 °F) 35 mPa·s

Reaction time 2% (± 0,4 kg) B-powder in B (20 °C/68 °F)
Flow limit: approx. 45 s
Solid: approx. 60 s

KTW* D2 (other sealants and adhesives)

Unit

20 kg

WEBAC® 240 + Bseal II



- Sealing of annular gaps and voids in tubing constructions
- Curtain injection
- Repair of damaged sealings with ground contact

- Polymer-reinforced
- Elastic, ductile without breaking
- High toughness
- Low swelling
- Neglected volume loss during drying process
- Adjustable reaction time

Mixing ratio

A1 : A2 = 16 : 1 parts by volume
A : B = 1 : 1 parts by volume

Viscosity of mixture
(23 °C/73 °F) 30 mPa·s

Reaction time depending on % of B-powder in Bseal II (20 °C/68 °F)
Flow limit: 8 s – 170 s
Solid: 30 s – 250 s

Unit

20 kg

WEBAC® 250



- Damp proof course (dpc) in masonry
- Extensive sealing of surfaces in masonry

- Water-like viscosity
- High elasticity
- Good adhesion to mineral substrates

Mixing ratio

Comp. A A1 : A2 = 15 : 1 parts by weight

Comp. B water : B-powder-concentrate = 98.7 : 1.3 parts by weight

Comp. A : Comp. B = 1 : 1 parts by volume

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 2 mPa·s

Reaction time (22 °C/72 °F)
Flow limit: 6 min – 9 min
Solid: 10 min – 14 min

Comp. A1 **Comp. A2**

25 kg 1.6 kg

Comp. B

0.35 kg

Accessories

- **WEBAC® F200**, blue tracing fluid for coloring WEBAC injection gels
- **Stirrer**, stainless steel for mixing gel components in the container

No.

Unit

1 kg

W-07020001

* KTW = Drinking water certificate

Silicate Injection Grouts

WEBAC® 2061



- Filling, solidification and stabilization of non-binding to low binding types of soil
- Solidification of masonry and porous natural stone constructions

- Low viscosity
- Water resistant
- Resistant to common soil minerals

Mixing ratio

10 : 1 parts by volume

Workable life (20 °C/68 °F)
15 min (solidified after 25 min)

Application temperature
> 10 °C/50 °F

Comp. A	Comp. B
255 kg	22.4 kg
26.7 kg	2.45 kg

WEBAC® 2100



- Post-construction damp proof course (dpc) against capillary rising moisture

- Extremely low viscosity
- Capillary contraction
- Water repellent

Application temperature
> 5 °C/41 °F

Unit

215 kg
11 kg

Injection Silane

WEBAC® 2130



- Damp proof course (dpc) in masonry up to a degree of 95% moisture penetration

- Easy and reliable application
- Easy dose product
- Causes no darkening of color or stain formation on the building materials

Application temperature
5 °C – 25 °C (41 °F – 77 °F)

Unit

600 ml

Accessories

- Processing gun for WEBAC® 2130

No.

W-01120000

Epoxy Injection Resins

WEBAC® 4110



- Crack repair in concrete structures according to EN 1504-5 (CE-Declaration of Performance 2+)
- Tested according to ZTV-ING (RISS)
- Registered with the BASt list, monitored according to V 18028
- Adhesion of structural elements
- Consolidating steel sheet injection
- Solidification of hollow core screed
- Adhesive agent for mineral materials (wet in wet application)
- Injection of construction joints
- Solidification of open-pored concrete structures (i.a. tamped concrete)
- Grouting of anchors in hollow layers

- Excellent edge adhesion
- Also cures under dynamic stress
- Volume and dimensional stability
- Mortar resin

Mixing ratio

2 : 1 parts by volume

Workable life (20 °C/68 °F)
100 min

Application temperature
> 8 °C/46 °F

Viscosity of mixture
(23 °C/73 °F) 360 mPa-s
KTM® D1 (large-surface sealants)

Comp. A	Comp. B
2 x 225 kg	180 kg
21 kg	8.7 kg
10 kg	4 kg
5 kg	2 kg
1 kg	0.4 kg
0.71 kg	0.29 kg

(Combi)

WEBAC® 4120P



- Repair of foundations in wind power plants
- Crack injection according to EN 1504-5:2013
- Bonding of concrete and screed
- Sealing of cracks in machine foundations

- Low viscosity
- Resistance to dynamic stress
- Good edge adhesion
- Good penetration

Mixing ratio

3 : 1 parts by volume

Workable life (20 °C/68 °F)
50 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 200 mPa-s
KTM® D1 (large-surface sealants)

Comp. A	Comp. B
17 kg	4.95 kg
10 kg	2.9 kg
5 kg	1.45 kg

* KTW = Drinking water certificate

Epoxy Injection Resins (continued)



WEBAC® 4130

- Crack injection according to EN 1504-5:2013
- Repair of foundations in wind power plants
- Solidification of wet open-pored concrete structures
- Adhesive bonding between existing and new concrete

- Structural bonding especially for wet cracks
- Suitable for use at low temperatures
- High toughness
- Suitable for oil-contaminated crack edges

Mixing ratio
2 : 1 parts by volume

Workable life (20 °C/68 °F)
20 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 700 mPa·s

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
11 kg	5 kg



WEBAC® 4170

- Crack repair according to EN 1504-5:2013
- Repair of damp cracks
- Injection of construction joints
- Solidification of open-pored concrete structures (i.a. tamped concrete)

- Low viscosity
- Suitable for damp crack edges
- Good adhesion

Mixing ratio
3 : 1 parts by volume

Workable life (20 °C/68 °F)
40 min

Application temperature
> 8 °C/46 °F

Viscosity of mixture
(23 °C/73 °F) 95 mPa·s

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
18 kg	5 kg
10 kg	2.7 kg
3 kg	0.81 kg



WEBAC® 4170T

- Crack repair according to EN 1504-5:2013
- Repair of foundations in wind power plants
- Repair of oil-contaminated and damp cracks

- Good curing also at low temperatures
- Low viscosity
- Suitable for damp and oily crack edges
- Good adhesion

Mixing ratio
3 : 1 parts by volume

Workable life (20 °C/68 °F)
20 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 110 mPa·s

KTW* D1 (large-surface sealants)

Comp. A	Comp. B
18 kg	5.2 kg
10 kg	2.9 kg
3 kg	0.86 kg
1 kg	0.29 kg



WEBAC® 4180N

- Impregnation of porous structural elements such as masonry or concrete
- Sealing of gypsum-based masonry for the conservation of monuments
- Closing of surface cracks
- Solidification of wood

- Extremely low viscosity
- Pressureless penetration of finest capillaries and cracks
- Tack-free curing process

Mixing ratio
2 : 1 parts by volume

Workable life (20 °C/68 °F)
60 min

Application temperature
> 5 °C/41 °F

Viscosity of mixture
(23 °C/73 °F) 20 mPa·s

Comp. A	Comp. B
17.5 kg	7.6 kg
3.3 kg	1.4 kg



WEBAC® B40

- Accelerates the reaction of epoxy injection resins **WEBAC® 4110**, **WEBAC® 4120P**, **WEBAC® 4170** and **WEBAC® 4180N**

Unit
1 kg

* KTW = Drinking water certificate

Injection Pumps

1C Injection Pumps

WEBAC® IP EasyPro

(High-pressure diaphragm pump)
W-01140000



- For injecting PU Foam, PU and epoxy injection resins
- Flow rate: 4 l/min
- Up to 240 bar injection pressure
- Also available with carriage

Accessories for WEBAC® IP EasyPro (included)

- Hopper, 6 l (incl. filter and clamp) W-03039004
- High-pressure hose, 7.5 m W-03010411
- Injection gun AG 500 W-03020004
- Injection adapter, flexible, for AG 500 (incl. female zerk coupler) W-03020005
- Pressure gauge, 250 bar W-03020001

Accessories (optional)

- High-pressure hose, 3 m W-03010111
- High-pressure hose, 5 m W-03010211
- Ball valve W-03020002
- Injection hose, 0.3 m W-03020003
- Injection adapter, rigid, for AG 500 W-03020006

WEBAC® HP 100

(Piston pump)
W-01069000



- For injecting PU and epoxy injection resins
- Flow rate: 35 cm³/stroke
- Up to 100 bar injection pressure

WEBAC® HP 250

(Piston pump)
W-01079000



- For injecting PU and epoxy injection resins
- Flow rate: 10 cm³/stroke
- Up to 250 bar injection pressure

Accessories for WEBAC® HP 100 and HP 250 (incl.)

- Suction Hose for HP 100 W-01060013
for HP 250 W-01070013
- High-pressure hose, 3 m W-03010111
- Pressure gauge 100 bar W-03020102
or 250 bar W-03020001
(depending on pump)
- Tripod stand W-03030106
- Injection hose, 0.3 m W-03020003
- Ball valve W-03020002
- Female zerk coupler W-03020009

WEBAC® HEP 1001

(High-pressure electric pump)
W-01090000



- For injecting PU and epoxy injection resins
- Flow rate: 30 l/h
- Up to 400 bar injection pressure

Accessories for WEBAC® HEP 1001 (included)

- Hopper, 1 l W-03030101
- High-pressure hose, 0.5 m W-01090011
- Pressure gauge 600 bar W-03020103
- Female zerk coupler W-03020009

WEBAC® Hand lever injection press

W-01100000



- For injecting PU and epoxy injection resins
- Flow rate: 2 cm³/stroke
- Up to 400 bar injection pressure

Accessories for WEBAC® Hand lever injection press (included)

- Injection hose, 0.3 m W-03020003
- Female zerk coupler W-03020009

2C Injection Pumps

WEBAC® IP 2K-F1

(2C High-pressure double-piston pump)



- For injecting acrylate gels
- Flow rate: 14 l/min

Accessories

for WEBAC® IP 2K-F1 (included)

- Flushing pump W-01040101
- Pressure gauge W-03020114
- 3 x Suction hoses W-01040102
- Special mixing head W-01040001
- 2 x High-pressure hoses, 5 m, stainless steel W-03010212
- High-pressure hose, 5 m, blue W-03010213
- Injection hose, stainless steel W-03020007
- Slide coupler W-03020010

Accessories (optional)

- Mixing element for static mixer W-03020008
- Electronic control for measuring the consumption rate

WEBAC® IP 2K-F2

(2C High-pressure double-piston pump)



- For injecting PU/PU foam injection resins and PU casting foam resins at mixing ratio 1 : 1
- Flow rate: 25 l/min

Accessories

for WEBAC® IP 2K-F2 (included)

- Pressure gauge, 400 bar W-03020106
- 2 x Hopper 6 l (incl. filter and clamp) W-03030003
- 2 x High-pressure hoses, 5 m, Ø 8 mm W-03010221
- Mixing head Steck-O W-01050102
- Foam with ball valve W-01050101

WEBAC® HP 50

(Double-piston hand pump)



- For injecting PU casting foam resins at mixing ratio 1 : 1
- Flow rate: 48 ml/stroke

Accessories

for WEBAC® HP 50 (included)





- Mixing head with ball valve and static mixer W-01080101
- High-pressure hose, 3 m W-03010111
- Tripod stand W-03030107

Other Accessories

- Female zerk coupler for zerk head fitting W-03020009
- Measuring cup, 1 l W-07010001 or 2 l W-07010002

Injection Packers







WEBAC® Mechanical Packers Type S

		Unit
	Ø 13 mm, length 70 mm, with zerk head fitting W-02019311	100
	Ø 10 mm · 13 mm, length 115 mm, with zerk head fitting W-02019221 · 321	100
	Ø 17 mm, length 115 mm, with button head fitting W-02019522	100
	One-day packer Ø 13 mm, length 115 mm, with zerk head fitting W-02029221	100



WEBAC® Mechanical Packers Type R

	Ø 8 mm · 10 mm · 13 mm, length 70 mm, with zerk head fitting W-02030111 · 211 · 311	50
	Ø 10 mm · 13 mm, length 115 mm, with zerk head fitting W-02030221 · 321	50
	Ø 19 mm, length 150 mm, with zerk head fitting W-02030631	15
	Ø 17 mm, length 150 mm, with button head fitting W-02030532	20
	Ø 19 mm, length 150 mm, with button head fitting W-02030632	15

WEBAC® Hammer-in Packers, plastic

	Ø 6.5 mm, length 20 mm, conical W-02040100 Impact header for hammer-in packer Ø 6.5 mm W-02080001	100
	Ø 10 mm, length 90 mm, with zerk head fitting approved according to ZTV-ING (RISS) W-02040200	100
	Ø 14 mm · 18 mm, length 110 mm, with button head fitting, 1/4" W-02049301 · 401 Impact header for hammer-in packers Ø 14 mm · 18 mm W-02080002	100
	Ø 18 mm, length 110 mm with extension 500 mm and button head fitting 1/4" W-02049511	
	Ø 18 mm, length 115 mm, with shut-off slide and button head fitting W-02040801 Impact header for hammer-in packers with shut-off-slide Ø 18 mm W-02080003	100
	Ø 18 mm, length 115 mm with extension 500 mm, shut-off slide and button head fitting W-02049811 Special cutter for extensions, hammer-in packers W-02080004	

WEBAC® Surface Packers

	Ø 44 mm, plastic, with zerk head fitting W-02059201	100
	Ø 48 mm, aluminum, with low-pressure zerk head fitting M8 W-02059101	100

The packers listed above are standard items on stock.
Packers are also available in special sizes on request.

WEBAC®

Primers



WEBAC® 4204 C E

- Resin screed according to EN 13813 (CE-Declaration of Performance/4)
- Universal construction and mortar resin
- Scratch primer
- Adhesive agent for slightly absorptive substrates

- Good adhesion on dry mineral substrates
- Highly fillable
- Resistant to mechanical stress
- Trowelable with WEBAC® ST200/ST300

Mixing ratio
4 : 1 parts by volume
Workable life (20 °C/68 °F)
30 min
Application temperature
> 5 °C/41 °F

Comp. A	Comp. B
23.5 kg	5.2 kg
8.28 kg	1.72 kg
(Combi)	



WEBAC® 4270 C E

- Resin screed according to EN 13813 (CE-Declaration of Performance/4)
- Special primer for oily and wet substrates
- Additional barrier for coatings (according to WHG (Federal Water Act)) in case of oily or wet substrates
- Scratch primer
- Adhesive agent between existing and new concrete

- Low viscosity
- Water reactive
- Compatible with oil/moisture
- Resistant to frost and de-icing salt

Mixing ratio
3 : 1 parts by volume
Workable life (20 °C/68 °F)
20 min
Application temperature
> 8 °C/46 °F

Comp. A	Comp. B
18 kg	5 kg
10 kg	2.7 kg
3 kg	0.81 kg



WEBAC® 4270T C E

- Resin screed according to EN 13813 (CE-Declaration of Performance/4)
- Special primer for oily substrates
- Sealing of mineral surfaces
- Adhesive agent:
 - For coatings (according to WHG (Federal Water Act)) on oily substrates
 - Between contaminated concrete and (mineral) re-profiling
 - Fresh on existing concrete
 - For fast reworking with various synthetic resins (polyurea)
- Epoxy mortar as negative-side waterproofing for concave moldings

- Good curing also at low temperatures
- Compatible with oil/moisture
- Good wetting of the substrate
- Resistant to mechanical stress
- Suitable for pedestrians and rolling traffic (e.g. indoor parking areas)

Mixing ratio
2 : 1 parts by volume
Workable life (20 °C/68 °F)
20 min
Application temperature
> 5 °C/41 °F

Comp. A	Comp. B
11 kg	5 kg

Coatings



WEBAC® 4430 C E

- Filled as screed according to EN 13813 (CE-Declaration of Performance/4)
- Leveling coating for concrete suitable for pedestrians and rolling traffic or cement screed (standard color approx. RAL 7030)

- High toughness
- Resistant to mechanical stress
- Abrasion resistant (high wear resistance)

Mixing ratio
4 : 1 parts by weight
Workable life (20 °C/68 °F)
at immediate spreading on coating area: 40 min
in container: 20 min
Application temperature
> 12 °C/54 °F

Comp. A	Comp. B
24 kg	6 kg
12 kg	3 kg



WEBAC® 4480 C E

- Roller coating for concrete or cement screed (standard color approx. RAL 7030)
- Sealing of screed according to EN 13813 (CE-Declaration of Performance/4)

- Resistant to mechanical stress
- Abrasion resistant
- Cures without shrinking

Mixing ratio
5 : 1 parts by weight
Workable life (20 °C/68 °F)
Container size 5 kg/1 kg: 45 min
Application temperature
> 8 °C/46 °F

Comp. A	Comp. B
25 kg	5 kg
5 kg	1 kg
2.5 kg	0.5 kg

Coatings (continued)



WEBAC® Coving Mortar C€

- Making of concave moldings
- Closing and leveling of irregularities
- Mortar for repairing blowholes
- Resin screed according to EN 13813 (CE-Declaration of Performance/4)

- Universally applicable
- Reliable application
- Smooth, closed surface

Mixing ratio

9,64 : 0,36 parts by weight

Workable life (20 °C/68 °F)
45 min

Application temperature
10 °C – 25 °C (50 °F/77 °F)

Comp. A Comp. B

9.64 kg 0.36 kg

(Combi)

Accessories

- **WEBAC® ST200/ST300**
High-grade set-up agent for rendering epoxy resins thixotropic, for the application on vertical or inclined surfaces
- **Quartz sand nature**

Unit

1 kg

0.2 kg

OS 8 System

WEBAC® OS 8 System C€

consisting of primer **WEBAC® 4290** and coating **WEBAC® 4490**



WEBAC® 4290

- Coating system according to EN 1504-2:2004
- for indoor parking areas and underground parking garages
- Primer
- Scratch coat

- Good abrasion resistance
- Accessible to pedestrians and rolling traffic
- Good chemical resistance

Mixing ratio

2 : 1 parts by weight

Workable life (23 °C/73 °F)
± 35 min

Application temperature
10 °C – 25 °C (50 °F/77 °F)

Comp. A Comp. B

20 kg 10 kg

6.65 kg 3.35 kg

(Combi)



WEBAC® 4490

- Coating system according to EN 1504-2:2004
- for indoor parking areas and underground parking garages
- Suitable as intermediate and finishing layers

- Good abrasion resistance
- Highly resistant to mechanical stress
- Accessible to pedestrians and rolling traffic
- Good chemical resistance

Mixing ratio

4 : 1 parts by weight

Workable life (23 °C/73 °F)
± 45 min

Application temperature
10 °C – 25 °C (50 °F/77 °F)

Standard colors
approx. RAL 7032 and
approx. RAL 7035

Comp. A Comp. B

24 kg 6 kg

8 kg 2 kg

(Combi)

Accessories

- **Quartz sand nature** 0.3 – 0.8 mm

Epoxy Putties and Adhesives



WEBAC® 4510 C€

- Concrete protection for floor and wall surfaces according to EN 13813 (CE-Declaration of Performance/4)
- Patching of cracks
- Installation of surface packers

- Long workable life
- Good adhesion to various substrates
- Adjustable reaction time (accelerator **WEBAC® B45**)

Mixing ratio

9 : 1 parts by weight

Workable life (20 °C/68 °F)
30 min

Application temperature
> 5 °C/41 °F

Curing time at 5 mm layer thickness (23 °C/73 °F): 8 h

Comp. A Comp. B

2.25 kg 0.25 kg



WEBAC® 4515 C€

- Fast curing epoxy putty for:
 - Concrete protection for floor and wall surfaces according to EN 13813 (CE-Declaration of Performance/4)
 - Patching of cracks
 - Installation of surface packers
- Emergency putty for sealing damaged patching
- Universal putty for sewer repair

- Curing also at low temperatures (down to 0 °C/32 °F)
- High application reliability
- Highly pressure resistant
- Fast curing
- Adjustable reaction time (accelerator **WEBAC® B45**)

Mixing ratio

1 : 1 parts by weight

Workable life (20 °C/68 °F)
10 min

Application temperature
> 1 °C/34 °F

Curing time at 5 mm layer thickness (20 °C/68 °F): 2 h

Comp. A Comp. B

1 kg 1 kg

Epoxy Putties and Adhesives (continued)

WEBAC® 4520 CE



- Patching of cracks for injections according to EN 1504-5
- Concrete protection for floor and wall surfaces according to EN 13813 (CE-Declaration of Performance/4)
- Universal putty for sewer repair

- Flexible, resistant to dynamic stress
- Chemical resistance
- Good adhesion to mineral substrates
- Adjustable reaction time (accelerator **WEBAC® B45**)

Mixing ratio

5 : 1 parts by weight

Workable life (20 °C/68 °F)

30 min

Curing time at 5 mm

layer thickness (20 °C/68 °F)

24 h

Application temperature

> 5 °C/41 °F

Comp. A

2.5 kg

Comp. B

0.5 kg

1 kg

0.2 kg

WEBAC® 4525 CE



- Higher grade crack patching for injections according to EN 1504-5
- Concrete protection for floor and wall surfaces according to EN 13813 (CE-Declaration of Performance/4)
- Gluing of tiles underwater
- Sealing of pipe ducts
- Bonding and fixing of concrete on concrete, steel on concrete
- Tubbing, sewer and shaft repair
- Sealing of sheet pile wall interlocks
- Installation of **WEBAC® Sealing Tape TPE** in the area of construction joints

- Cures underwater and on damp substrates
- Tested microbiologically (W270 test according to DVGW regulations)
- Good adhesion to various plastics
- High chemical resistance also to biogenic sulfuric acid
- Adjustable reaction time (accelerator **WEBAC® B45**)

Mixing ratio

5 : 1 parts by weight

Workable life (20 °C/68 °F)

25 min

Application temperature

> 5 °C/41 °F

Curing time at 5 mm

layer thickness (20 °C/68 °F)

24 h

KTW® D1/D2 (large-surface sealants/other sealants and adhesives)

Comp. A

2.5 kg

Comp. B

0.5 kg

1 kg

0.2 kg

0.5 kg

0.1 kg

WEBAC® 4525P CE



- Concrete protection for floor and wall surfaces according to EN 13813 (CE-Declaration of Performance/4)
- Installation of tiles underwater
- Installation of sealing tape on ceilings

- Overhead application
- Especially for wet substrates
- Universally applicable putty and adhesive material
- Cures underwater and on damp substrates
- Good adhesion to various plastics
- High chemical resistance also to biogenic sulfuric acid
- Adjustable reaction time (accelerator **WEBAC® B45**)

Mixing ratio

3 : 1 parts by weight

Workable life (20 °C/68 °F)

25 min

Application temperature

> 5 °C/41 °F

Curing time at 5 mm layer thickness (23 °C/73 °F): 8 h

KTW® D1 (large-surface sealants)

Comp. A

0.6 kg

Comp. B

0.2 kg

WEBAC® B45

- Accelerates the reaction time of epoxy putties **WEBAC® 4510**, **WEBAC® 4515**, **WEBAC® 4520**, **WEBAC® 4525** and **WEBAC® 4525P**

Unit

1 kg

0.5 kg

WEBAC® 4501 (Quick Set Cement)

- Emergency putty when patching cracks
- Patching of brickwork for remedial damp proof course against capillary rising moisture

Unit

15 kg

Accessories

- Can stirrer for epoxy putties and adhesives

No.

W-07020002

* KTW = Drinking water certificate

Surface Sealants

WEBAC® 5611



- Building sealants for exterior wall surfaces, floors and horizontal sealants on walls against ground and flood water
- Sealing underneath facade coatings
- Composite sealing against pressing water
- Landfill coverings in connection with geotextile
- Plaster sealings, especially in monument conservation
- Building sealants in civil engineering, tunnel and shaft construction
- Horizontal sealing against surface water
- Bonding layer (without cement) for highly absorptive or non-absorptive substrates

- Adheres to:
 - non-absorptive surfaces
 - dry and damp mineral surfaces
 - tar-containing or bituminous substrates
- Overcoatable with various silicone/resin paints
- Good crack bridging properties
- Water vapor permeable
- Resistant to de-icing salts
- Sprayable

Mixing ratio

1 : 0.8 parts by weight with Portland cement CEM II B-S 32.5 R (alternative cement types on request)

Workable life (20 °C/68 °F)
60 min

Application temperature
> 5 °C/41 °F

Unit

25 kg

10 kg

5 kg

WEBAC® 5620



- Primer for bituminous coatings
- water-dilutable

Unit

10 l

WEBAC® 5621P, WEBAC® 5622P/F CE



- Polymer-modified high-build bituminous coating for sealing structural elements with ground contact according to EN 15814 (CE Declaration of Performance/3)
- Sealing of basements, underground parking garages, wet rooms, retaining walls, terraces and balconies
- Adhesive for insulation, protection and drainage boards

- Highly flexible
- Environmentally friendly
- Fast curing
- water-dilutable

WEBAC® 5621P

WEBAC® 5622P

WEBAC® 5622F

Unit

30 l

30 l

30 kg

Accessories

No.

- Reinforcement fabric for WEBAC® 5611, width 1 m

W-05010001

Unit

100 m²

Joint Repairs

WEBAC® 5520N, 5520N Thix



- Elastic filling of floor joints and other horizontal building component joints
- Thixotropic adjustment WEBAC® 5520N Thix for vertical and for overhead application

- Good adhesion to dry mineral surfaces
- Good chemical resistance
- Self-leveling

Mixing ratio

1 : 1 parts by weight

Workable life (23 °C/73 °F)
60 min

Application temperature
> 12 °C/54 °F

Comp. A

2 kg

Comp. B

2 kg

Accessories

- WEBAC® ST400, thixotropic agent for WEBAC® 5520N for vertical application

Unit

0.2 kg

Joint Repairs (continued)



WEBAC® Impact Profiles EPDM

- Sealing of structural elements and movement joints
- Suitable as end profile for joints
- Good heat resistance
- Good workability also at low temperatures
- High weathering, chemical, UV and ozone resistance

No.	Dimension	Unit
W-04050001	Ø 20 mm	25 m
W-04050002	Ø 25 mm	25 m
W-04050003	Ø 30 mm	20 m
W-04050004	Ø 35 mm	20 m
W-04050005	Ø 40 mm	20 m
W-04050006	Ø 45 mm	10 m
W-04050007	Ø 50 mm	10 m

WEBAC® Backing Rod for Joint Filling

W-04040001	Ø 6 mm	100 m
W-04040002	Ø 8 mm	100 m
W-04040003	Ø 10 mm	100 m
W-04040004	Ø 15 mm	100 m

Joint Sealings

Injection Tubes



WEBAC® Injection Tube AB

- Single-walled tube based on PVC
Ø internal 6 mm, Ø external 12 mm
- General building approval in combination with WEBAC® 1403P and WEBAC® 1405

No.	Unit
W-04010001	100 m



WEBAC® Injection Tube Type 2

- Perforated tube with double fabric membrane
Ø internal 6 mm, Ø external 12 mm
- General building approval in combination with WEBAC® 1405

No.	Unit
W-04010002	100 m

Accessories

- Inject- and ventilation adapter W-04029012
- Cone screw W-04029002
- Sealing cap W-04020003
- Shuttering packer K W-04020006
- Clamp with hole W-04020007
- Clamp without hole W-04020008
- Plug-in clamp W-04020009
- Clamp for fastening to waterbars and waterstops, exposed W-04020010
- Clamp for fastening to waterbars and waterstops, close-lying W-04020011
- Tube connector W-04020013

Swelling Tapes



WEBAC® Bentonite Swelling Tape

- Sealing of construction joints against soil moisture, non-pressing and pressing water in concrete and reinforced concrete construction
- Sealing of pipe ducts
- Reversible swelling behavior
- Self-injecting properties
- No separation and thus no washing out from joints

	Dimension	Unit
Rectangular profile W-04030201	20 x 25 mm	6 x 5 m
Rectangular profile SW* W-04030202		
No.		
W-04030204		30 x 1 m

Accessories

- WEBAC® Fastening Grid

*SW = salt water

Joint Sealings (continued)



WEBAC® Polymer Swelling Tape

- Sealing of construction joints against soil moisture, non-pressing and pressing water in concrete and reinforced concrete construction
- Sealing of joints in precast concrete unit construction, tubing construction
- Repair of expansion joints
- Sealing of pipe ducts
- Reversible swelling behavior
- Permanent dimensional stability
- Excellent chemical resistance
- Flexible

Rectangular profile
W-04030101 – 104
Rectangular profile SW*
W-04030105 – 108

Dimension	Unit
20 x 5 mm	5 x 10 m
20 x 10 mm	9 x 10 m
20 x 20 mm	3 x 5 m
30 x 30 mm	3 x 5 m
	290 ml

Accessories

- WEBAC® Contact Adhesive



WEBAC® Sealing Tape TPE

- Sealing of construction joints and predetermined breaking points in cast-in-situ concrete resistant to hydrostatic pressure
- Sealing of precast concrete units and precast walls
- Exterior sealing system in strip form
- Permanently elastic and aging resistant

Width 200 mm ± 3 mm
Coating width
internal/external:
140/100 mm ± 3 mm

No.	Unit
W-04030301	20 m

Tie Point Sealings



WEBAC® Plug/Ring/Flange

- Sealing of intersections/tie points with swellable sealing rings and plugs in concrete and reinforced concrete construction
- Suitable for:
 - Fiber-reinforced concrete pipes
 - Plastic pipe spacers
 - Foundation earth electrodes
- Easy and economical solution
- Sealing with a simple hammer blow
- No gluing
- Temperature- and weather-independent
- Active swelling sealant
- Also suitable in case of negative pressing water

WEBAC. Plug
W-08010001

W-08010002

W-08010003

WEBAC. Ring
W-08020001

WEBAC. Flange
W-08030006

W-08030001

W-08030002

W-08030003

W-08030004

W-08030005

Dimension	Unit
Ø 22 mm	100
Ø 24 mm	100
Ø 26 mm	100
Ø 24 mm	100
Ø 10 mm	100
Ø 12 mm	100
Ø 17 mm	100
Ø 24 mm	100
Ø 31 mm	50
Ø 39 mm	50

Cleaner

WEBAC® Cleaner A

- Cleaning and rinsing of injection pumps and equipment
- Removal of liquid epoxy and PU resins
- CFC-, FC- and chlorine-free
- Odorless
- No explosion protection required

Unit

11 kg

WEBAC® Cleaner B

- Etching/Swelling of cured resins
- CFC-, FC- and chlorine-free
- Odorless
- No explosion protection required

Unit

10.5 kg

WEBAC® Lubricant

- Care product for pumps
- CFC-, FC- and chlorine-free
- Odorless
- No explosion protection required

Unit

10 kg

5 kg

Range of Application



Sealing of Masonry

Post-construction damp-proof course (dpc) against capillary rising moisture and construction sealant



Sealing of Foundation Pits

Sealing of water bearing cracks and joints in foundation pits of slot and sheet pile wall design



Curtain Injection

Post-construction surface sealing for undergrade building components



Sewer Repair

Sealing of joints and cracks in sewers and shafts



Stabilization of Structures

Filling, solidification and stabilization of structures



Soil Stabilization

Solidification and stabilization of floors



Crack Repair

Closing, sealing, limited flexibility bridging or bridging where structural strength is required



Surface Protection

Impregnation, priming and coating of industrial and useful surface areas



Joint Sealing

Sealing of construction joints and expansion joints in structural and civil engineering



Surface Sealing

Bituminous external sealing for undergrade building structures



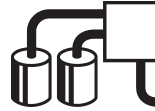
Monument Conservation

Restoration and conservation of monuments and historic buildings

Label Description



A : B
2 : 1 ... indicates the components' mixing ratio
volume



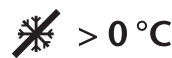
... must be applied with a 2-component pump



... observe technical data sheets

123456
12/2015
> 8 °C

... batch number
... best before
... storage temperature



... store above freezing point

Example

WEBAC® 1405
Komponente A • Component A
PUR-Injektionsharz • PU Injection Resin

ADR: -

GHScode: P040
H302
Gesundheitsschädlich bei Verschlucken.
Harmful if swallowed.
P273/P301_P312
Bei Gebrauch nicht essen, trinken oder rauchen. BEI VERSCHLUCKEN: Bei Unwohlsein GIFTINFORMATIONZENTRUM oder Arzt anrufen.
Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

enthält / contains: Polyetherpolyol

CE
0761
WEBAC-Chemie GmbH
Fahrenberg 22
22885 Barsbüttel
07
1405-01
EN 1504-5 : 2004
Beton-Reparaturstoff
EN 1504-5 : U (D1) W(2) (1/2/3) (5/30)

Heftung: ca. 0,6 N/mm²
Dehnbruch: > 10%
Wasserdichtheit: D1
Gesamtdurchdringungstiefe: < 40%
Injektionsfähigkeit bei trockenem Medium:
Injektionsfähigkeitsklasse 0,2 und 0,3
Injektionsfähigkeit bei nicht trockenem Medium:
Injektionsfähigkeitsklasse 0,2 und 0,3
Dehnvermögen: Kein Versagen bei Druckprüfung;
Verlust des Formänderungsvermögens < 20%
Korrosionsverhalten: Es wird davon ausgegangen,
dass keine korrodierenden Auswirkungen vorliegen

A **10,0 kg**

123456
02/2015
> 5 °C

A : B
2 : 1
volume

Explanation of the CE classification (using **WEBAC® 1405** as an example U(D1) W(2) (1/2/3) (5/30))

- U (D1)** → flexible filling
(watertight up to 2×10^5 Pa)
- W (2)** → crack width 0.2 mm
- (1/2/3)** → moisture condition of the crack:
dry, damp, wet
- (5/30)** → application ranges 5–30 °C

- U** objectives
- F** structural filling
- F1** adhesive tensile strength > 2 N/mm²
- F2** adhesive tensile strength > 0.6 N/mm²
- D** flexible filling
- D1** waterproof at 2×10^5 Pa
- D2** waterproof at 7×10^5 Pa
- W** crack width in tenths of a millimeter (1-2-3-5-8)
(moisture condition)
1 dry, 2 damp, 3 wet, 4 water-bearing

General Terms and Conditions

Valid from January 2016

of WEBAC-Chemie GmbH · Fahrenberg 22 · 22885 Barsbüttel (Schleswig-Holstein) near Hamburg, Germany (hereinafter referred to as WEBAC)

§ 1 General

(1) All current and future deliveries and associated services of WEBAC are exclusively subject to the following General Terms and Conditions of Business. General Terms and Conditions of Business which differ from, contradict or add to these, even if the parties are aware of this, shall not become an integral part of this contract, unless it is explicitly agreed that these should apply.

(2) These General Terms and Conditions of Business should be comprehended and interpreted in the same way as the conclusion and interpretation of legal transactions made with the customer, i.e. they are exclusively subject to the Law of the Federal Republic of Germany. The regulations of the UN sales law (Hague Convention of 01.07.1964 relating to a Uniform Law on International Sales and the United Nations Convention of 11.04.1980 on Contracts for the International Sale of Goods) do not apply.

(3) All advice and services provided by our WEBAC service team are restricted to imparting and applying technical knowledge and experience, which is passed on to the best of our knowledge. All data and information about suitability and application do not preclude examination of the WEBAC products for suitability for the intended application by the customer. WEBAC is thus unable to guarantee the nature of WEBAC products or that such products are suitable for a particular purpose. The supply of technical data sheets and information does not signify a consultancy relationship.

(4) For the purpose of these Terms and Conditions of Business, a customer is defined as both a consumer and a trader. For the purpose of these Terms and Conditions of Business, consumers are natural persons with whom WEBAC is entering into business, who cannot be described as carrying out a commercial or independent business activity. For the purpose of these Terms and Conditions of Business, a trader is defined as a natural person or legal entity, or one having legal capacity, with whom WEBAC is entering into business, who carries out a commercial or independent business activity.

(5) The place of execution for all obligations arising directly or indirectly from the business relationship with WEBAC, including duty of payment, is WEBAC's registered office.

§ 2 Deliveries

(1) WEBAC's offers are subject to confirmation. WEBAC reserves the right to make technical changes, within the scope of what is considered reasonable, such as changes in shape/color and/or weight.

(2) Additional deliveries or services desired by the customer are billed separately by WEBAC and require WEBAC's written confirmation. WEBAC reserves the right to make changes to construction, choice of material, specification and design, provided these changes are neither contradictory to the confirmation of the order nor to the customer's specifications.

(3) The documents such as illustrations, drawings, dimensions and weight specifications, on which the quotation or order confirmation is based, are to be strictly regarded as approximations, as long as these are not explicitly defined as compulsory.

(4) Part-deliveries are permissible.

§ 3 Prices and Conditions of Payment

(1) Our prices are quoted ex Barsbüttel works or a WEBAC distributing warehouse. The goods are delivered in standard packaging. The weights and quantities ascertained by WEBAC are decisive for the calculation of prices. As far as indications of weight are concerned, the following is applicable: IBC goods and goods shipped in barrels are weighed net. The same applies to all gels and coating systems. All other goods are weighed net up to a content weight of 10 kg and gross for net as of 10 kg. Two- and multi-component materials are weighed gross for net if the filling weight of a container exceeds 10 kg.

(2) The term of payment is stated in the WEBAC invoice or a corresponding agreement with WEBAC. Should the customer fall into arrears (exceed term of payment), the statutory provisions in their respective version apply. WEBAC reserves the right to prove higher damages.

(3) If the customer fails to keep up with payments, particularly if he fails to pay a cheque or ceases payments, or if WEBAC should become aware of other circumstances, which give them reason to doubt the creditworthiness of the customer, WEBAC shall be entitled to claim

the whole outstanding balance due. In this case, WEBAC is also entitled to demand advance payments or the provision of security.

(4) If there are more than 4 months between conclusion of contract and delivery, without there being a delivery delay for which WEBAC is responsible, WEBAC can increase the price as they think fit, whilst taking into account materials, wages or other additional expenses, which are born by WEBAC. If the purchase price is increased by more than 40%, the customer is entitled to withdraw from the contract.

(5) If WEBAC caters for changes requested by the customer, the additional costs incurred are to be paid by the customer. In the case of custom-made products (e.g. special shades), the customer is obliged to pay and purchase any additional amounts, which are inevitably produced for reasons of production engineering.

(6) Setting-off and withholding of payments is not permitted, unless the setting-off claim is uncontested or deemed legal.

§ 4 Term of Delivery/Returns

(1) Delivery dates are stated according to the best possible estimations and are extended accordingly, should the customer delay or fail to carry out required or agreed acts of cooperation. The same applies to measures as part of trade disputes, in particular strikes and lock-outs as well as to the occurrence of unforeseen difficulties, which are not incurred by WEBAC's wilful intent, e.g. delivery delays of a sub-contractor, traffic problems, or break-downs, material or energy shortages etc. WEBAC shall not accept responsibility for this – even if the agreed deadlines and dates are agreed as binding. Instead of extending the delivery date, due to the delayed component, WEBAC is entitled to withdraw from the whole or part of the contract. If the impediment lasts more than three months, the customer is entitled, after having set a reasonable period of grace, to withdraw from the contract due to the delayed component. Changes to the supplied products, which are prompted by the customer, shall also incur an appropriate extension of the delivery date.

(2) If WEBAC is responsible for failure to comply with binding delivery dates and deadlines or falls behind, the customer is entitled to a delay compensation of 0.5% of the invoice value for each full week of delay, but with a maximum of 5% of the invoice value for the supplies and services affected by the delay. Any additional claims shall be excluded, unless the delay was attributable to at least gross negligence on the part of WEBAC.

(3) Returns are generally not permitted. Should WEBAC choose to make an exception, the return shall only be allowed in exchange for a credit note. In such exceptional cases, only unopened goods in their original packaging and only freight paid goods shall be accepted by WEBAC. The costs incurred by WEBAC for accepting returns shall hereby be agreed at 20% of the net value of the product, however at least € 30.00, and this amount shall be deducted from the amount of the credit note. The return of custom-made goods shall not be accepted.

§ 5 Transfer of Risks

(1) If the buyer is a trader, the risk of the accidental loss or damage of the product is transferred to the buyer, as soon as WEBAC has provided the customer with the product and has informed the customer of these circumstances. For mail-order purchases, the aforementioned delivery-related product risks are transferred to the buyer as soon as the goods have been presented to the transport company, carrier or any other person or institution who has been entrusted with carrying out the delivery. This shall also apply if WEBAC bears the transport costs. Complaints due to damage during transportation shall be made directly to the transport company by the buyer immediately after receipt of the goods. It is at the buyer's discretion whether s/he takes out transport or other insurance policies.

(2) If the buyer is a consumer, the risk of accidental loss or damage of the sold item is not transferred to the buyer until s/he has been presented with the product. This also applies for mail-orders. The delivery is not affected by delays of acceptance of the goods on the buyer's part.

§ 6 Reservation of Title

(1)) For contracts with consumers, the product remains the property of WEBAC until full payment of the purchase price has been received.

(2) For contracts with traders, the product remains the property of WEBAC until all accounts have been settled in full (incl. balance claims from open accounts), which are owed WEBAC by the trader. WEBAC shall be provided with the following securities which they shall apply at will if the value of such securities exceeds the amount of their claims against the customer by more than 20%. The product shall remain the property of WEBAC. Any processing or transformation shall always be carried out on behalf of WEBAC as manufacturer, but without any commitment for WEBAC. The trader shall protect the title of WEBAC without charge. Goods which are the property of WEBAC are referred to below as "reserved goods". The trader is entitled to process or sell reserved goods in the ordinary course of business. Pledges or transfers by way of security are not permitted. Claims of the customer (including all balances on current accounts) arising from the sale of the reserved goods or for any other legal reason (insurances, tortious acts) shall hereby be transferred by the customer to WEBAC by way of security up to the amount of the claim of WEBAC against the customer. WEBAC revocably empowers the customer to collect the assigned claim for his account and in his own name. This collection empowerment can only be revoked if the customer fails to meet his payment obligations.

(3) In the event of any seizures of reserved goods by third parties, the customer shall draw attention to the title of WEBAC and shall notify WEBAC of the seizure immediately.

(4) In the event of any conduct by the customer which is in breach of contract – in particular payment arrears – WEBAC is entitled to repossess the reserved goods or, if necessary, to demand the assignment of any repossession claims of the customer against third parties. Repossession of the reserved goods by WEBAC shall not constitute withdrawal from the contract, unless the German Consumer Credit Act applies.

§ 7 Warranty

The warranty for purchase orders is 2 years and commences once the product has been delivered. This does not apply to WEBAC products with a label indicating a best-before date of less than 2 years. In such cases, the period of warranty is only valid until the maximum best-before date. All pumps and pump components are excluded from this period of warranty. These components have a period of warranty of 1 year, which commences once the product has been delivered. Installed WEBAC building materials have a warranty of 5 years, provided that their use for a building structure complies with the standard application instructions and that this use has resulted in a defect. This commences from the customer's receipt of the building material. The following also applies to the aforementioned warranty:

(1) No liability shall be assumed for damages attributable to unsuitable or improper use of WEBAC products, including failure to follow mixing instructions or instructions for use, incorrect assembly or operation by the customer or a third party, natural wear and tear, incorrect or negligent handling, replacement materials, defective construction or installation work, in particular unsuitable construction preparation and chemical, electrochemical or other influences, if the damages were not caused by negligence or intent on the part of WEBAC. Liability for consequential losses shall be excluded as a result of any changes undertaken by the buyer or a third party without the prior consent of WEBAC, in particular any changes in the chemical composition by the addition of other substances.

(2) Deviations from samples or specimens, e.g. color differences in individual batches, shall not constitute a defect in our goods if these are attributable to production engineering reasons.

(3) Any complaints can only be dealt with if the batch number is provided.

(4) If the customer notifies WEBAC that the delivered products are defective, it is at WEBAC's discretion to request that the defective material or component is returned to WEBAC for repair or processing clean and in the undamaged original packaging and for subsequent return or the customer shall be requested to retain the defective material or component and a WEBAC serviceman shall be sent to the customer in order to repair or process the defect.

(5) If the customer requests that rectification be carried out on site (construction site), even though such rectification would have been possible at WEBAC (factory), the customer shall bear 50% of the traveling costs incurred.

(6) Warranty claims against WEBAC shall only accrue to the direct customer of WEBAC and are not assignable.

(7) More far-reaching claims, particularly due to consequential damages caused by a defect, provided these are not due to the lack of a promised product feature, are excluded. This does not apply if the damages occur due to the willful intent, gross negligence or gross breach of contract on the part of WEBAC.

(8) As regards the agreed delivery dates, WEBAC is only responsible for the punctual dispatch of the product ex Barsbüttel works.

§ 8 Liability

Customer compensation claims for any legal reason whatsoever shall be excluded both against WEBAC and their assistants or vicarious agents, unless willful intent or gross negligence is involved. This does not apply to bodily harm - in the event of a negligent breach of duty by WEBAC or their assistants, WEBAC's liability shall be restricted to damages, which are both typical in such contracts and foreseeable.

§ 9 Service technicians

WEBAC shall, at the request of the customer, provide service technicians. The costs and scope of services of such technicians shall be determined in a separate contract. The provision of service technicians by WEBAC represents a consultation in accordance with § 1, section (3) which does not constitute neither an employment relationship nor a production relationship; a production success is not being owed.

§ 10 Special conditions for lending and renting of tools and pumps

The following special conditions apply to the lending and renting of pumps, appliances and other equipment (hereinafter referred to as "tools") by WEBAC to customers for production, processing or demonstration purposes.

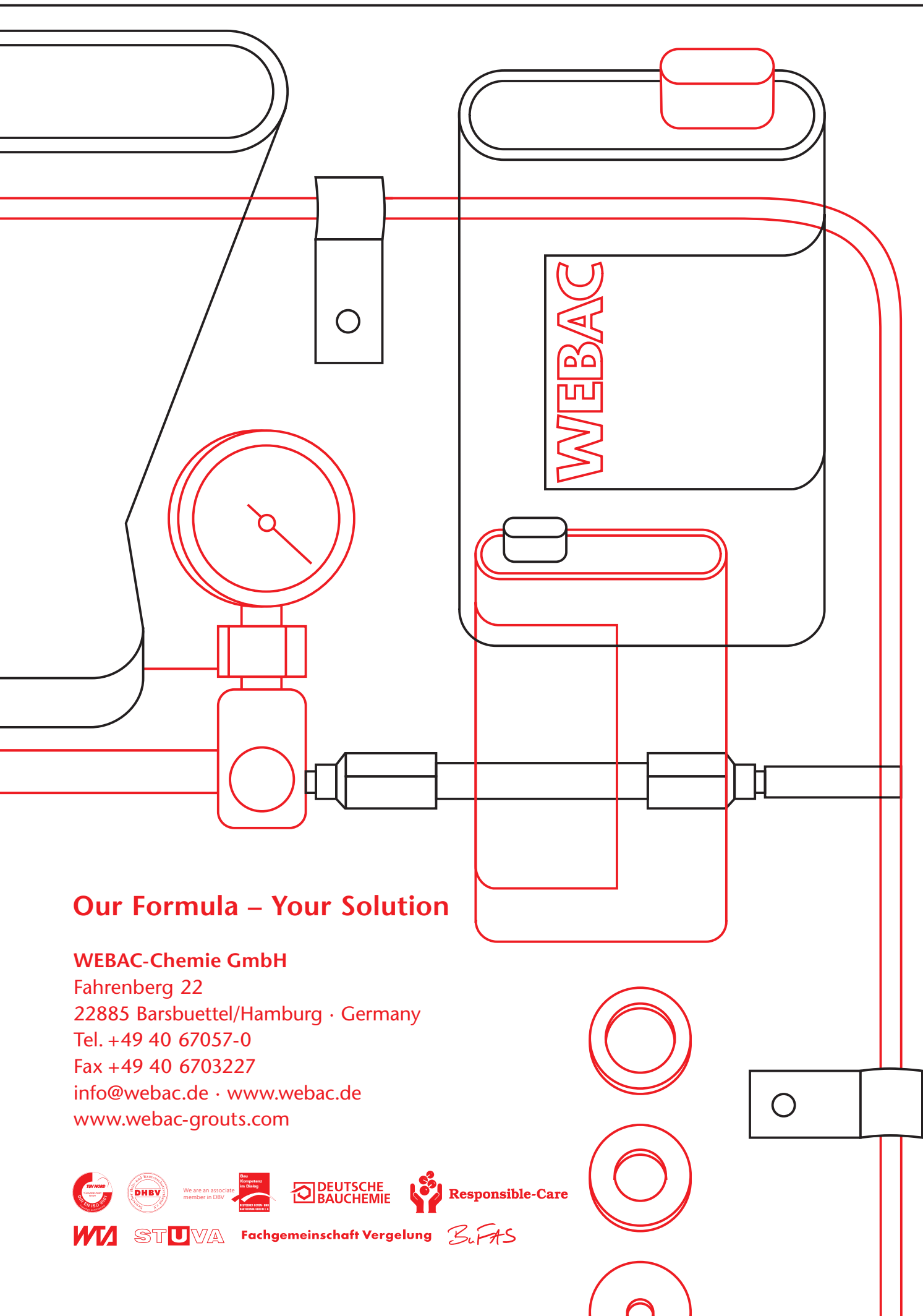
(1) Property of tools. Tools put at the customer's disposal by WEBAC remain the property of WEBAC. The customer must mark tools with the part number indicated in the delivery note of the tools order and/or the part number named by WEBAC and with the company name of WEBAC in such a way that they can be identified as property of WEBAC at all times.

(2) Storage, handling and use. The customer must store and handle the tools with the due care and diligence of a prudent businessman – free of charge if the tools have been lent to him. During the specified period of provision of the tools, the customer is obliged to maintain the tools (maintenance, inspection and repair) free of charge. He must perform the maintenance work in time and must inform WEBAC about any necessary replacement of tools in time. All repair costs incurred shall be borne by the customer. The tools must not be handed over to third parties. They must not be reproduced without the prior written consent of WEBAC. The tools must be cleaned and checked for correct functioning before being returned.

(3) Transport, packaging and insurance. The tools are handed over to the customer and returned to WEBAC at WEBAC's warehouse in Barsbüttel/Germany. Otherwise the customer shall bear the costs of transport, packaging and transport insurance in connection with the delivery and return of the tools. The customer is obliged to package and transport the tools for all intermediate transports at his own costs in such a way that the tools will not get damaged.

§ 11 Legal Venue

The legal venue for all disputes resulting from the business relationship with WEBAC is the court which has jurisdiction over the site of WEBAC's registered office, provided the customer is a businessman in accordance with the German Commercial Code, a legal person of public law, or has public law separate property.



Our Formula – Your Solution

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