

PROOFMATE® Meister Waterstops 1.1



PROOFMATE®

Meister Waterstops

The PROOFMATE® Meister-Waterstops are designed to be installed for sealing in construction and movement concrete joints. The application of waterstops is normally according to jobsite specifications, WU Guidelines or the DIN 18541 and DIN 18197. The sealing principle of in concrete embedded waterstops is the longer path of water circulation.

According to this physical principle, differently to other forms of joint sealing like swelling profiles or injection hoses, there is the placement of a physical barrier that requires from the incoming water to follow a path along and around the rippled structure that is longer than the actual permeability of the concrete.

The waterstop profiles are made of high quality thermoplastic material (PVC-P) and are available in the regular production standards as well as according to DIN 18541 or, if requested, also in a bitumen resistant formulation. As for general jobsite regulation only „end-to-end“ joints are allowed, we can supply workshop finished pieces as “L”, “T”, cross or other special shaped welded elements. Additionally, under request, we are able also to deliver the bands together with VPRESS® injection hoses or HYDROSEAL swelling profiles. Special shapes and colors are also available under request.

■ INTERNAL CONSTRUCTION JOINT WATERSTOPS

PVC-P reinforced FLEX
PVC-P reinforced FLEX with Loop
PVC-P A
PVC-P according to DIN 18541 A
PVC-P ATM "MEISTERMER"
PVC-P A with injection hose
PVC-P Meister FLEX 15
PVC-P Meister FLEX 15 FIX

■ INTERNAL EXPANSION JOINT WATERSTOPS

PVC-P D
PVC-P D with Loop
PVC-P D punched
PVC-P according to DIN 18541 D
PVC-P DTM "MEISTERMER"
PVC-P Omega band OM
PVC-P D with injection hose

■ EXTERNAL CONSTRUCTION JOINT WATERSTOPS

PVC-P AA
PVC-P according to DIN 18541 AA
PVC-P AATM "MEISTERMER"
PVC-P AA with injection hose
PVC-P AA without side bolster
PVC-P AA one side flat

■ EXTERNAL EXPANSION JOINT WATERSTOPS

PVC-P AD
PVC-P according to DIN 18541 DA
PVC-P ADTM "MEISTERMER"
PVC-P AD with injection hose

■ JOINT SEALING BANDS

PVC-P FV
PVC-P according to DIN 18541 FA
PVC-P FVTM "MEISTERMER"

■ HD AND HDA BANDS

PVC-P HD
PVC-P PVC-P HDA

■ SILO WATERSTOP

PVC-P S
PVC-P S Hollow

■ CLAMPS WATERSTOPS

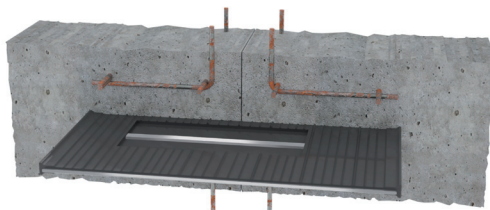
PVC-P DTM 32 Corner K "MEISTERMER"
PVC-P ADTM 32 Corner K "MEISTERMER"

■ SPECIAL PARTS AND ACCESSORIES

Waterstop welded parts
Waterstop clamps and welding tools

INTERNAL CONSTRUCTION JOINT WATERSTOPS

PVC-P reinforced FLEX



TECHNICAL DATA *

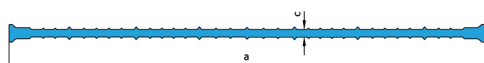
Hardness: (DIN 53505) $78 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

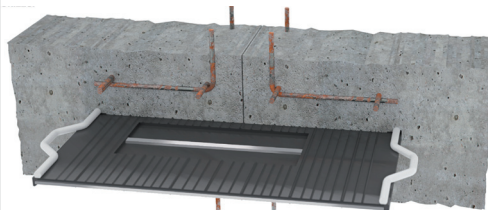
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	THICKNESS (c)
Flex 10	100 mm	4,5 mm
Flex 15	150 mm	4,5 mm
Flex 19	190 mm	4,5 mm
Flex 24	240 mm	4,5 mm
Flex 32	320 mm	5 mm

PVC-P reinforced FLEX with Loop



TECHNICAL DATA *

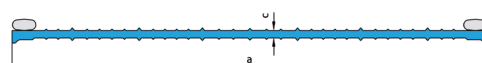
Hardness: (DIN 53505) $78 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

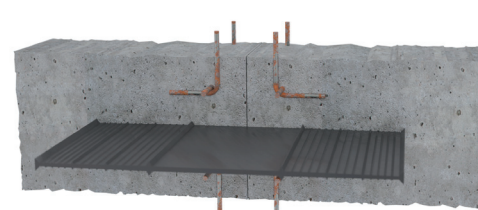
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	THICKNESS (c)
Flex 19 SL	190 mm	4,5 mm
Flex 24 SL	240 mm	4,5 mm

PVC-P A



TECHNICAL DATA *

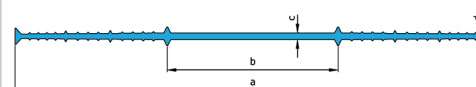
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

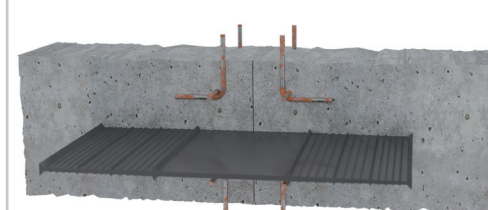
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
A 10	100 mm	20 mm	3 mm	2,5 mm
A 11	110 mm	25 mm	3 mm	2,5 mm
A 15	150 mm	45 mm	3 mm	2,5 mm
A 19	190 mm	70 mm	3 mm	2,5 mm
A 24	240 mm	80 mm	3,5 mm	2,5 mm
A 32	320 mm	100 mm	4,5 mm	3 mm
A 50	500 mm	150 mm	5 mm	3,5 mm

PVC-P according to DIN 18541 A



TECHNICAL DATA *

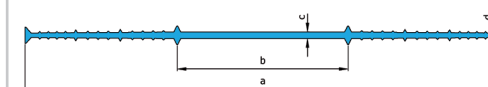
Hardness: (DIN 53505) $67 \pm 5^\circ$

Elongation at break: $\geq 350\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
A 240 DIN	240 mm	80 mm	3,5 mm	2,5 mm
A 320 DIN	320 mm	100 mm	4,5 mm	3 mm
A 500 DIN	500 mm	150 mm	6 mm	3,5 mm

PVC-P ATM "MEISTERMER"



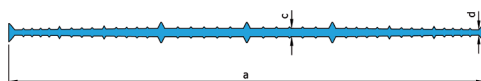
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	THICKNESS (c)
ATM 24	240 mm	5 mm	3,5 mm
ATM 32	320 mm	5,5 mm	3,5 mm

PVC-P A with injection hose



TECHNICAL DATA *

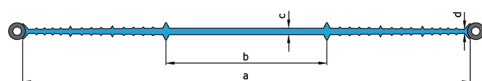
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)
A 32 m. Inj.	320 mm	100 mm	5 mm

PVC-P Meister FLEX 15



TECHNICAL DATA *

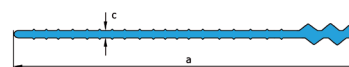
Hardness: (DIN 53505) $78 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	THICKNESS (c)
MEISTER FLEX 15	150 mm	6 mm

PVC-P Meister FLEX 15 FIX



TECHNICAL DATA *

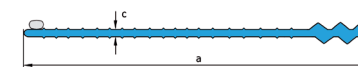
Hardness: (DIN 53505) $78 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

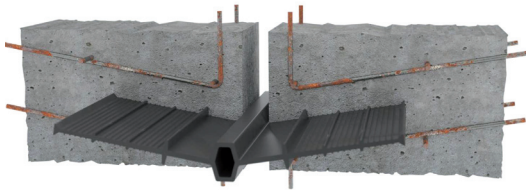
PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	THICKNESS (c)
MEISTER FLEX 15 FIX	150 mm	6 mm

INTERNAL EXPANSION JOINT WATERSTOPS

PVC-P D



TECHNICAL DATA *

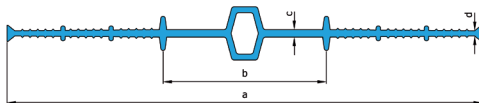
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

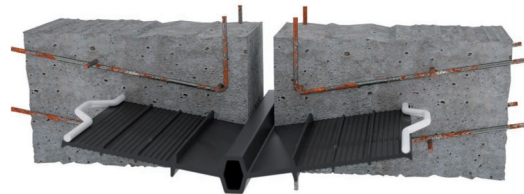
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
D 11	110 mm	40 mm	3,5 mm	2,5 mm
D 15	150 mm	50 mm	3,5 mm	2,5 mm
D 19	190 mm	65 mm	3,5 mm	2,5 mm
D 24	240 mm	80 mm	4 mm	3 mm
D 32	320 mm	110 mm	5 mm	3,5 mm
D 35	350 mm	110 mm	5 mm	3,5 mm
D 50	500 mm	160 mm	5 mm	4 mm
DEM 25	250 mm	120 mm	6 mm	5 mm
DEM 32	320 mm	170 mm	6 mm	5 mm
DDS 32	320 mm	120 mm	8 mm	5 mm

PVC-P D with Loop



TECHNICAL DATA *

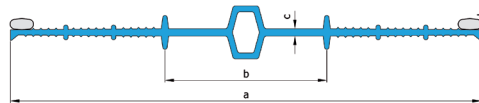
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

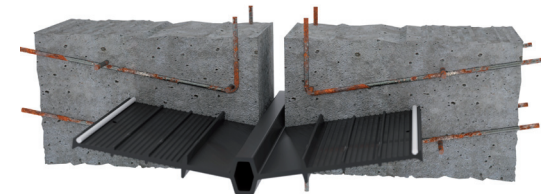
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
D 15 SL	150 mm	50 mm	3,5 mm	2,5 mm

PVC-P D punched



TECHNICAL DATA *

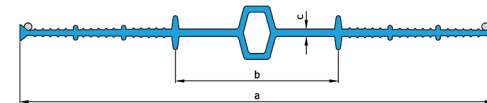
Hardness (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
D 15 ML	150 mm	50 mm	3,5 mm	2,5 mm

PVC-P according to DIN 18541 D



TECHNICAL DATA *

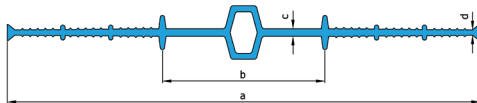
Hardness: (DIN 53505) $67 \pm 5^\circ$

Elongation at break: $\geq 350\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

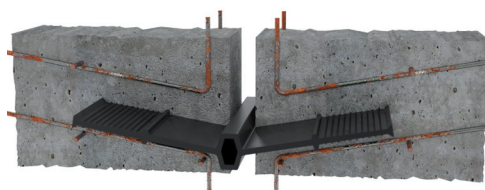
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
D 240 DIN	240 mm	80 mm	4 mm	3 mm
D 320 DIN	320 mm	100 mm	5 mm	3,5 mm
D 500 DIN	500 mm	150 mm	6 mm	4,5 mm
D 240/6 DIN	250 mm	120 mm	6 mm	5 mm
D 320/6 DIN	320 mm	170 mm	6 mm	5 mm

PVC-P DTM "MEISTERMER"



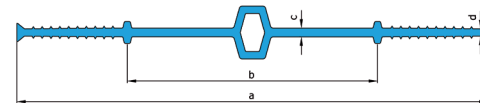
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)	THICKNESS (d)
DTM 25	250 mm	120 mm	6 mm	5 mm
DTM 32	320 mm	170 mm	6 mm	5 mm
DTM 50	500 mm	150 mm		
Leichtqualität				
DSTM 25	250 mm	120 mm	9 mm	5 mm
DSTM 32	320 mm	120 mm	9 mm	5 mm

PVC-P Omega band OM



TECHNICAL DATA *

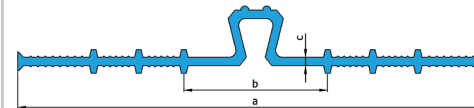
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

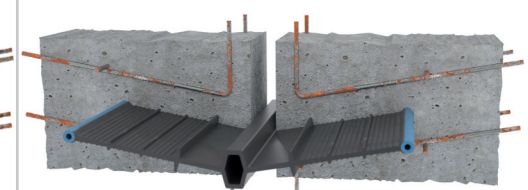
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)
OM 25	250 mm	75 mm	6 mm
OM 35	350 mm	95 mm	6 mm
OM 50	500 mm	190 mm	7 mm

PVC-P with injection hose



TECHNICAL DATA *

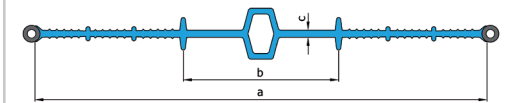
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

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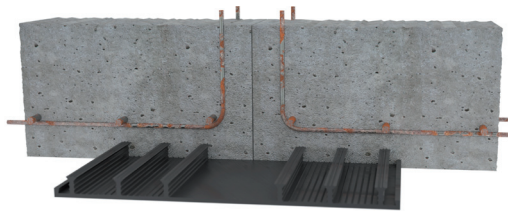
PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b)	(c)
D 32 m. Inj.- Schlauch			
	320 mm	100 mm	5 mm

EXTERNAL CONSTRUCTION JOINT WATERSTOPS

PVC-P AA



TECHNICAL DATA *

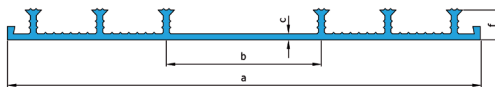
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

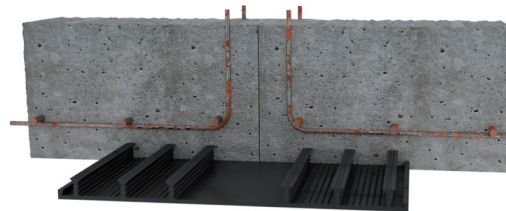
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AA 19	190 mm	66 x 3 mm	17 mm 4x
AA 24	240 mm	90 x 4 mm	20 mm 4x
AAS 24	240 mm	90 x 4 mm	24 mm 4x
AA 24/3/4	250 mm	115 x 5 mm	35 mm 4x
AA 32	330 mm	105 x 4 mm	20 mm 6x
AAS 32	330 mm	105 x 4 mm	25 mm 6x
AA 32/3/6	330 mm	105 x 5 mm	35 mm 6x
AA 50/2/6	500 mm	235 x 5 mm	20 mm 6x
AA 50/2/8	500 mm	125 x 5 mm	20 mm 8x
AA 50/3/6	500 mm	235 x 5 mm	35 mm 6x
AA 50/3/8	500 mm	125 x 5 mm	35 mm 8x

PVC-P according to DIN 18541 AA



TECHNICAL DATA *

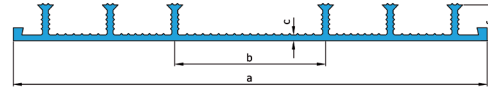
Hardness: (DIN 53505) $67 \pm 5^\circ$

Elongation at break: $\geq 350\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AA 240 DIN	240 mm	90 x 4 mm	20 mm 4x
AA 320 DIN	320 mm	100 x 4 mm	25 mm 6x
AA 500 DIN	500 mm	120 x 4 mm	25 mm 8x
AA 240/20 DIN	240 mm	90 x 4 mm	24 mm 4x
AA 240/30 DIN	250 mm	115 x 5 mm	35 mm 4x
AA 320/30 DIN	330 mm	105 x 5 mm	35 mm 6x
AA 500/30 DIN	500 mm	125 x 5 mm	35 mm 8x

PVC-P AATM "MEISTERMER"



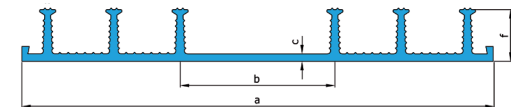
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

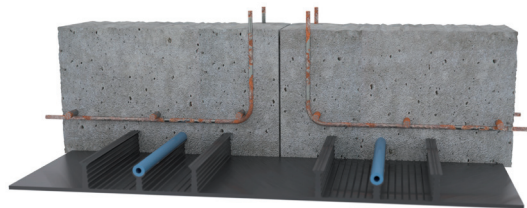
Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AATM 25	250 mm	115 x 5 mm	35 mm 4x
AATM 32	330 mm	105 x 5 mm	35 mm 6x

PVC-P AA with injection hose



TECHNICAL DATA *

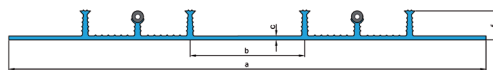
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AA 50/30/6 mit Injektionsschlauch	500 mm	120 x 4 mm	30 mm 6x
AA 50/30/6 (17) mit Injektionsschlauch	500 mm	170 x 4 mm	30 mm 6x
AA 40/30/4 mit Injektionsschlauch	400 mm	170 x 4 mm	30 mm 4x
AA 60/30/6 mit Injektionsschlauch	605 mm	275 x 4 mm	30 mm 6x

PVC-P AA without side bolster



TECHNICAL DATA *

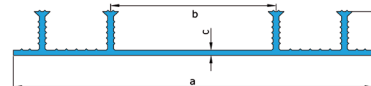
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

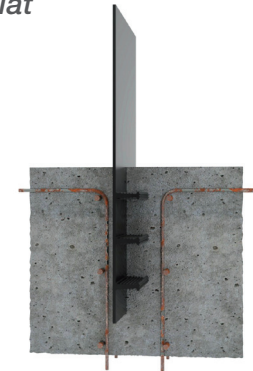
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AA 24/30/4 ohne Randwulst	250 mm	115 x 4 mm	30 mm 4x

PVC-P AA one side flat



TECHNICAL DATA *

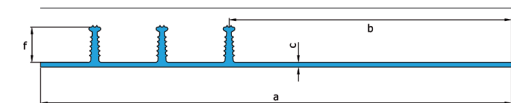
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

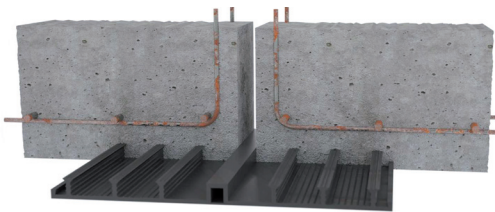
PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AA 40/20/3 einseitig glatt	400 mm	240 x 4 mm	20 mm 3
AA 40/30/3 einseitig glatt	400 mm	240 x 4 mm	30 mm 3

EXTERNAL EXPANSION JOINT WATERSTOPS

PVC-P AD



TECHNICAL DATA *

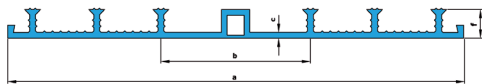
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AD 19	190 mm	92 x 3 mm	17 mm 4x
AD 24	240 mm	90 x 4 mm	20 mm 4x
ADS 24	240 mm	90 x 4 mm	24 mm 4x
AD 24/3/4	250 mm	115 x 5 mm	35 mm 4x
AD 32	330 mm	105 x 4 mm	20 mm 6x
ADS 32	330 mm	105 x 4 mm	25 mm 6x
AD 32/3/6	330 mm	105 x 5 mm	35 mm 6x
AD 50/2/6	500 mm	235 x 5 mm	20 mm 6x
AD 50/2/8	500 mm	125 x 5 mm	20 mm 8x
AD 50/3/6	500 mm	235 x 5 mm	35 mm 6x
AD 50/3/8	500 mm	125 x 5 mm	35 mm 8x

PVC-P according to DIN 18541 DA



TECHNICAL DATA *

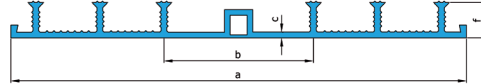
Hardness: (DIN 53505) $67 \pm 5^\circ$

Elongation at break: $\geq 350\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

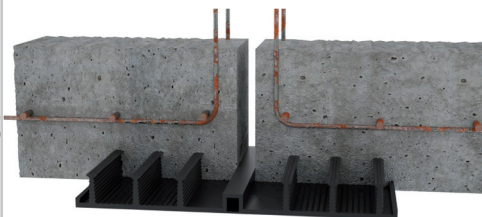
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
DA 240 DIN	240 mm	90 x 4 mm	20 mm 4x
DA 320 DIN	320 mm	100 x 4 mm	25 mm 6x
DA 500 DIN	500 mm	120 x 4 mm	25 mm 8x
DA 240/20 DIN	240 mm	90 x 4 mm	24 mm 4x
DA 240/30 DIN	250 mm	115 x 5 mm	35 mm 4x
DA 320/30 DIN	330 mm	105 x 5 mm	35 mm 6x
DA 500/30 DIN	500 mm	125 x 5 mm	35 mm 8x

PVC-P ADTM "MEISTERMER"



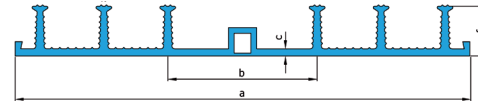
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

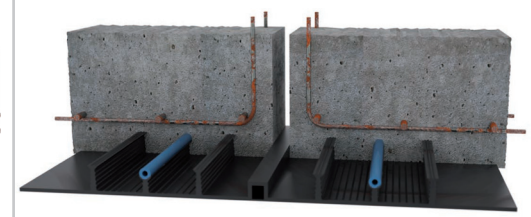
Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
ADTM 25	250 mm	115 x 5 mm	35 mm 4x
ADTM 32	330 mm	105 x 5 mm	35 mm 6x

PVC-P AD with injection hose



TECHNICAL DATA *

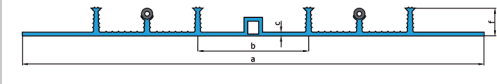
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.

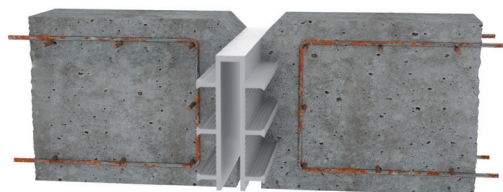
PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	EXPANSION (b x c)	ANCHOR (f)
AD 50/30/6 mit Injektionsschlauch	500 mm	120 x 4 mm	30 mm 6x

JOINT SEALING BANDS

PVC-P FV



TECHNICAL DATA *

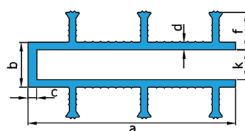
Hardness: (DIN 53505) $72 \pm 5^\circ$

Elongation at break: $\geq 275\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

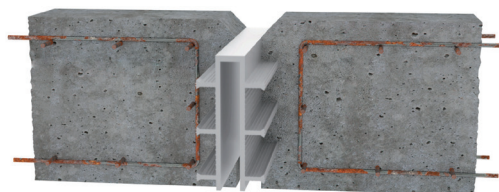
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	VIEW (b)	JOINT (k)	(c)	(d)	ANCHOR (f)
FV 50/20	50 mm	20 mm	10 mm	6 mm	5 mm	25 mm 2x
FV 50/20/30	50 mm	20 mm	10 mm	6 mm	5 mm	35 mm 2x
FV 50/30	50 mm	30 mm	20 mm	6 mm	5 mm	25 mm 2x
FV 50/30/30	50 mm	30 mm	20 mm	6 mm	5 mm	35 mm 2x
FV 70/30/40	70 mm	30 mm	20 mm	6 mm	5 mm	45 mm 2x
FV 70/50/40	70 mm	50 mm	40 mm	6 mm	5 mm	45 mm 2x
FV 100/30	95 mm	30 mm	20 mm	6 mm	5 mm	25 mm 4x
FV 140/30	140 mm	30 mm	20 mm	6 mm	5 mm	25 mm 6x
FV 140/30/30	140 mm	30 mm	20 mm	6 mm	5 mm	35 mm 6x
FV 140/30-130	130 mm	125 mm	20 mm	6 mm	5 mm	25 mm 6x
FV 140/40	140 mm	40 mm	30 mm	6 mm	5 mm	35 mm 4x
FV 140/60	140 mm	60 mm	50 mm	6 mm	5 mm	35 mm 4x

PVC-P according to DIN 18541 FA



TECHNICAL DATA *

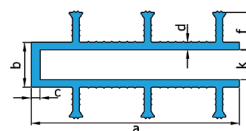
Hardness: (DIN 53505) $67 \pm 5^\circ$

Elongation at break: $\geq 350\%$ ($\geq 200\% / -20^\circ \text{C}$)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

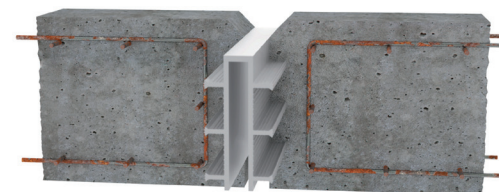
PVC-P "NB" is not bitumen compatible.

PVC-P "BV" is bitumen compatible quality.



TYPE	WIDTH (a)	VIEW (b)	JOINT (k)	(c)	(d)	ANCHOR (f)
FA 50/30 DIN	50 mm	30 mm	20 mm	5 mm	5 mm	25 mm 2x
FA 90/30 DIN	90 mm	30 mm	20 mm	5 mm	5 mm	25 mm 4x
FA 130/30 DIN	130 mm	30 mm	20 mm	5 mm	5 mm	25 mm 6x
FA 50/30/30 DIN	50 mm	30 mm	20 mm	6 mm	5 mm	35 mm 2x
FA 70/30/40 DIN	70 mm	30 mm	20 mm	6 mm	5 mm	45 mm 2x
FA 70/50/40 DIN	70 mm	50 mm	40 mm	6 mm	5 mm	45 mm 2x
FA 90/30/30 DIN	95 mm	30 mm	20 mm	6 mm	5 mm	35 mm 4x
FA 130/30/30 DIN	140 mm	30 mm	20 mm	6 mm	5 mm	35 mm 6x

PVC-P FVTM "MEISTERMER"



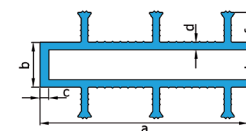
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\% / -20^\circ \text{C}$)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

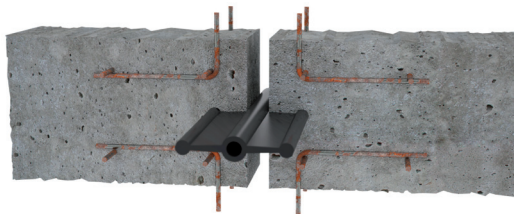
PVC-P "MEISTERMER" is bitumen compatible quality.



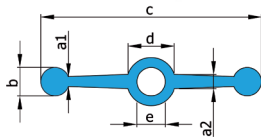
TYPE	WIDTH (a)	VIEW (b)	JOINT (k)	(c)	(d)	ANCHOR (f)
FVTM 50/20/30	50 mm	20 mm	10 mm	6 mm	5 mm	35 mm 2x
FVTM 50/30/30	50 mm	30 mm	20 mm	6 mm	5 mm	35 mm 2x
FVTM 70/30/40	70 mm	30 mm	20 mm	6 mm	5 mm	45 mm 2x
FVTM 70/50/40	70 mm	50 mm	40 mm	6 mm	5 mm	45 mm 2x
FVTM 100/30	95 mm	30 mm	20 mm	6 mm	5 mm	25 mm 4x
FVTM 140/30	140 mm	30 mm	20 mm	6 mm	5 mm	25 mm 6x
FVTM 140/30 P	140 mm	30 mm	20 mm	15 mm	5 mm	25 mm 6x

HD & HDA BANDS

PVC-P HD

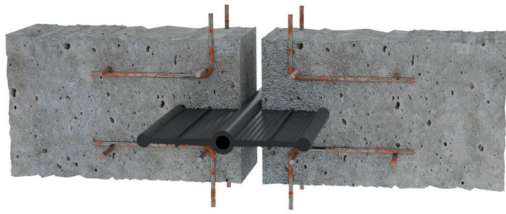


TECHNICAL DATA *						
Hardness: (DIN 53505) 78 ± 5°						
Elongation at break: ≥ 275%						
(DIN EN ISO 527-2)						
Tensile strength: ≥ 10 N/mm²						
(DIN EN ISO 527-2)						
PVC-P "NB" is not bitumen compatible.						

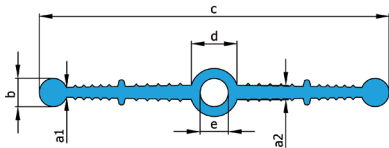


TYPE	WIDTH (c)	(d)	(e)	(a2)	(a1)	(b)
HD 10 NB	100 mm	22 mm	13 mm	6,5 mm	4,5 mm	13 mm

PVC-P HDA



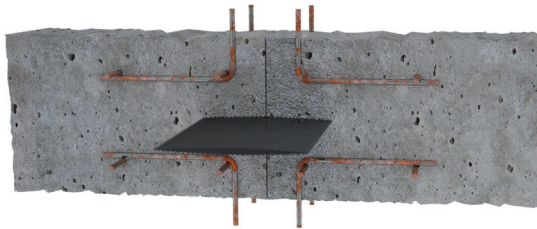
TECHNICAL DATA *						
Hardness: (DIN 53505) 78 ± 5°						
Elongation at break: ≥ 275%						
(DIN EN ISO 527-2)						
Tensile strength: ≥ 10 N/mm²						
(DIN EN ISO 527-2)						
PVC-P "NB" is not bitumen compatible.						



TYPE	WIDTH (c)	(d)	(e)	(a2)	(a1)	(b)
HDA 16 NB	160 mm	22 mm	13 mm	6,5 mm	4,5 mm	13 mm

SILO WATERSTOP

PVC-P S



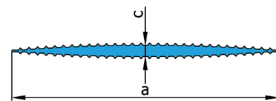
TECHNICAL DATA *

Hardness: (DIN 53505) $86 \pm 5^\circ$

Elongation at break: $\geq 250\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "NB" is not bitumen compatible.



TYPE	WIDTH (a)	CENTER (c)
S 8 NB	80 mm	5 mm
S 10 NB	100 mm	5 mm
S 12 NB	120 mm	5 mm
S 15 NB	150 mm	5 mm

PVC-P S Hollow



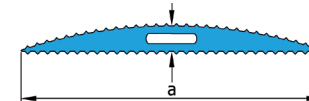
TECHNICAL DATA *

Hardness: (DIN 53505) $86 \pm 5^\circ$

Elongation at break: $\geq 250\%$
(DIN EN ISO 527-2)

Tensile strength: $\geq 10 \text{ N/mm}^2$
(DIN EN ISO 527-2)

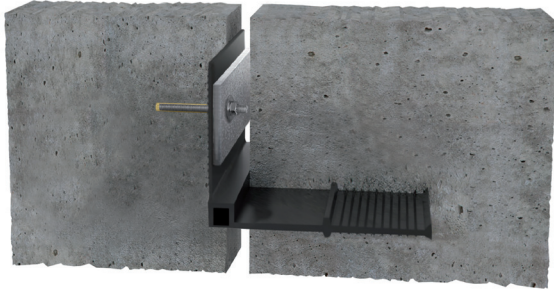
PVC-P "NB" is not bitumen compatible.



TYPE	WIDTH (a)	CENTER (c)
S 120 NB mit Hohlkammer	120 mm	10 mm

CLAMP WATERSTOPS

PVC-P DTM 32 Corner K "MEISTERMER"



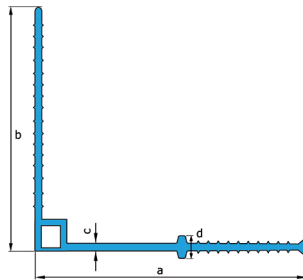
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

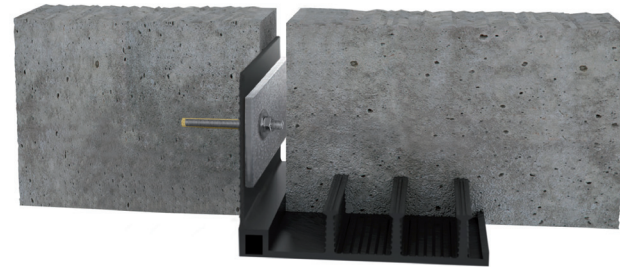
Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	HEIGHT (b)	(c)	(d)
DTM 32 ECKE K	160 mm	170 mm	6 mm	20 mm

PVC-P ADTM 32 Corner K "MEISTERMER"



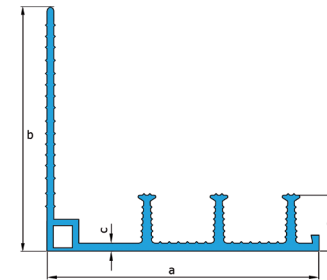
TECHNICAL DATA *

Hardness: (DIN 53505) $65 \pm 5^\circ$

Elongation at break: $\geq 400\%$ ($\geq 200\%$ / -20°C)
(DIN EN ISO 527-2)

Tensile strength: $\geq 10\text{ N/mm}^2$
(DIN EN ISO 527-2)

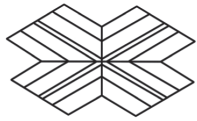
PVC-P "MEISTERMER" is bitumen compatible quality.



TYPE	WIDTH (a)	HEIGHT (b)	(c)	(d)
ADTM 32 ECKE K	160 mm	170 mm	5 mm	35 mm

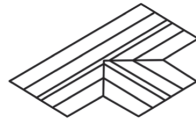
WATERSTOP WELDED PARTS

1



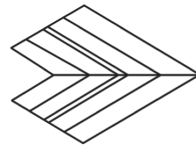
flat cross

2



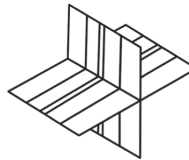
flat "T"

3



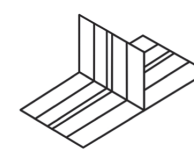
flat corner

4



vertical cross

5



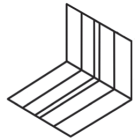
vertical "T"



It is recommended to limit the special pieces to a maximum of 25m length due to dimensional reasons. Longer elements are not guaranteed to maintain their dimensional precision.

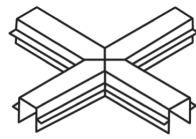
Special welded elements and systems are custom made and after completion cannot be taken back.

6



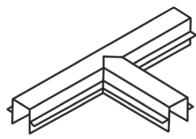
vertical corner

7



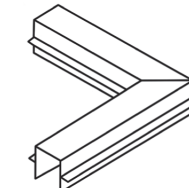
vertical cross

8



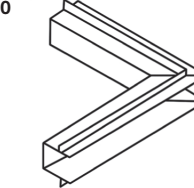
vertical "T"

9



vertical corner

10



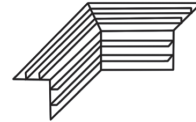
flat corner, cover plate internal

11



flat corner, cover plate external

12



mirror edge

13

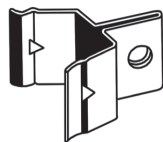


angled edge

The standard special part length is 0,50 m (measured on the axis), other lengths possible under request.

Combined welded special parts are possible under request.

WATERSTOP CLAMPS AND WELDING TOOLS



waterstop clamps

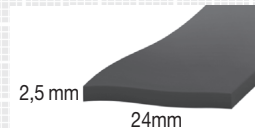


welding tools

- 125 Watt
- 250 Watt
- 300 Watt



heat gun



PVC melting band based on highly elastic PVC-P

Specific tailor-made shapes can be designed and executed under request.

TPH.
waterproofing systems



production and sales

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Telefax + 49 (0) 40 / 52 90 66 78 - 78

info@tph-bausysteme.com

www.tph-bausysteme.com

BV-quality (bitumen compatible) waterstops in most cases have different (higher) elongation at break. This type is not standard, only available under request. The single pictures of the waterstops are indicative of the listed profiles and serve only as illustrative examples. The correct application depends on the local conditions, therefore no guarantee can be given. All data and specifications are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved.