ROAD SAFETY PRODUCTS

EURONORM CUSHION
BERLIN CUSHION
ELASTIC BOLLARDS
SPEED HUMPS
CROSSING AID
AND MORE

PH GUMMITECHNIK GMBH & CO.KG

40 YEARS OF EXPERIENCE IN RUBBER TECHNOLOGY

CATALOGUE

CREATE A SAFE TRAFFIC ENVIRONMENT

Ph Gummtechnik manufactures traffic safety products for speed reduction and for the implementation of modern traffic management solutions.

Ph Gummitechnik is a modern, successful, medium-sized company based in Bad Berleburg-Arfeld.

Our goal is to provide our partners and customers with the best possible service, highest quality, innovation, flexibility and reliability.

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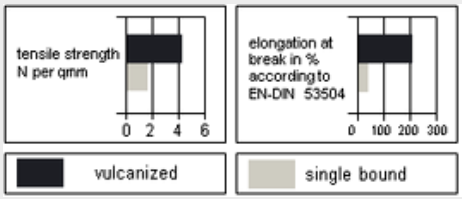
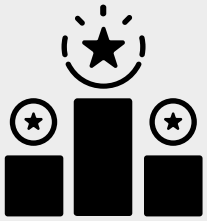
ADVANTAGES OF OUR RUBBER PRODUCTS

What exactly does a traffic calming effect, e.g. through plateau paving, actually?

The effectiveness and necessity of traffic calming measures, especially in residential areas or danger spots, is undisputed. A lower speed significantly minimizes risks because the braking distance is 3 times longer at 50 km/h than at 30 km/h.



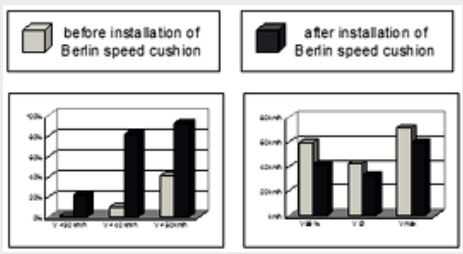


What technical advantages do elastomers (rubber) have for road safety?

The elastic properties of the material enable a flush, form-fitting and force-fitting adaptation to the road surface without it having to be torn open. In addition, there are lower noise levels during the crossing.

What are the advantages of vulcanization for the manufacture of the products?

The expectation of the life cycle of fixtures on roads is between 8 and 20 years in order to achieve profitability.
In contrast to simply bonded rubber, vulcanized rubber is significantly more tensile, has a higher elasticity and is therefore significantly more durable than bonded rubber.
That is why most of our products are made of vulcanized rubber.



OVERVIEW

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EURONORM SPEED CUSHION

The EURONORM SPEED CUSHIONS are suitable for the cost-efficient, quick & effective installation of plateau pavements to reduce speed. It is highly recommended in tempo-30-areas, at schools or further dangerous spots.

Effective, wear-resistant and inexpensive

Easy and quick installation

It can be run over by fire engines, ambulances and buses without any problems

Variable - thanks to the composition of single elements

Particularly quiet thanks to the special material

Rubber-metal reinforced elements offer high stability

The arrangement of the retroreflective surfaces raises the attention of drivers at night and in bad lighting conditions

EURONORM SPEED CUSHION

A COMPLETE SPEED CUSHION CAN BE INSTALLED BY A SMALL TEAM WITHIN 30-60 MINUTES

	Name	Details	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Euronorm Speed Cushion Corner Element right	ENKE r RF A 900x760x60	Anthracite	750 x 900 x 60 mm	38 kg	With 12 retroreflective tapes, Colour White	With 6 special dowels + screws and 6 sealing plugs	804600000
	Euronorm Speed Cushion Corner Element right	ENKE r RF R 900x760x60	Red-Brown	750 x 900 x 60 mm	38 kg	With 12 retroreflective tapes, Colour White	With 6 special dowels + screws and 6 sealing plugs	804800000
	Euronorm Speed Cushion Corner Element left	ENKE l RF A 900x760x60	Anthracite	750 x 900 x 60 mm	38 kg	With 12 retroreflective tapes, Colour White	With 6 special dowels + screws and 6 sealing plugs	804700000
	Euronorm Speed Cushion Corner Element left	ENKE l RF R 900x760x60	Red-Brown	750 x 900 x 60 mm	38 kg	With 12 retroreflective tapes, Colour White	With 6 special dowels + screws and 6 sealing plugs	804900000
	Euronorm Speed Cushion Ramp	ENKA A 900x760x60	Anthracite	750 x 900 x 60 mm	45 kg	-	With 5 special dowels + screws and 5 sealing plugs	803500000
	Euronorm Speed Cushion Ramp	ENKA R 900x760x60	Red-Brown	750 x 900 x 60 mm	45 kg	-	With 5 special dowels + screws and 5 sealing plugs	803600000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	ENK-Set 2x2	180	150	6	152 kg	White	Anthracite	896000000
							Red-Brown	896100000
	ENK-Set 2x3	180	225	6	242 kg	White	Anthracite	896200000
							Red-Brown	896300000
	ENK-Set 2x4	180	300	6	332 kg	White	Anthracite	896400000
							Red-Brown	896500000
	ENK-Set 2x5	180	375	6	422 kg	White	Anthracite	896600000
							Red-Brown	896700000
	ENK-Set 2x6	180	450	6	512 kg	White	Anthracite	896800000
							Red-Brown	896900000

*Further versions on request - Subject to changes

The arrangement of reflective stripes complies with European standards.

BERLIN SPEED CUSHION

The BERLIN SPEED CUSHIONS are ideal for the cost-efficient yet effective installation of speed humps. It is highly recommended in tempo-30-areas, at junctions, at schools or further dangerous spots.

Wear-resistant

Stable - Even under continuous subjection of high strain - thanks to rubber-metal reinforced elements

Easy and quick installation

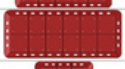
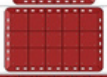
Particularly quiet

The arrangement of the retroreflective surfaces raises the attention of drivers at night and in bad lighting conditions

From a length of 350cm and a width of 170cm, it corresponds to the recommendations of the GDV and the HUK-Association

BERLIN SPEED CUSHION

	Name	Details	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Berlin Speed Cushion Corner Element right	BKE RB A 850x850x6	Anthracite	850 x 850 x 60 mm	50 kg	With 4 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	805000000
	Berlin Speed Cushion Corner Element right	BKE RB R 850x850x6	Red-Brown	850 x 850 x 60 mm	50 kg	With 4 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	805200000
	Berlin Speed Cushion Corner Element left	BKE RB A 850x850x6	Anthracite	850 x 850 x 60 mm	50 kg	With 4 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	805100000
	Berlin Speed Cushion Corner Element left	BKE RB R 850x850x6	Red-Brown	850 x 850 x 60 mm	50 kg	With 4 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	805300000
	Berlin Speed Cushion Ramp	BKA RB R 850x850x6	Anthracite	600 x 850 x 60 mm	40 kg	With 2 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	803700000
	Berlin Speed Cushion Ramp	BKA RB R 850x850x6	Red-Brown	600 x 850 x 60 mm	40 kg	With 2 retroreflective tapes, Colour White	With 4 special dowels + screws and 4 sealing plugs	803900000
	Berlin Speed Cushion Inner Element	BKI A 850x850x6	Anthracite	600 x 600 x 60 mm	34 kg	-	With 4 special dowels + screws and 4 sealing plugs	806300000
	Berlin Speed Cushion Inner Element	BKI R 850x850x6	Red-Brown	600 x 600 x 60 mm	34 kg	-	With 4 special dowels + screws and 4 sealing plugs	806500000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	BK-Set 2x2	170	170	6	200 kg	White	Anthracite	891200000
							Red-Brown	891300000
	BK-Set 2x3	170	230	6	280 kg	White	Anthracite	891400000
							Red-Brown	891500000
	BK-Set 2x4	170	290	6	360 kg	White	Anthracite	891600000
							Red-Brown	891700000
	BK-Set 2x5	170	350	6	440 kg	White	Anthracite	891800000
							Red-Brown	891900000
	BK-Set 2x6	170	410	6	520 kg	White	Anthracite	892000000
							Red-Brown	892100000
	BK-Set 3x3	170	230	6	394 kg	White	Anthracite	892200000
							Red-Brown	892300000
	BK-Set 3x4	170	290	6	508 kg	White	Anthracite	892400000
							Red-Brown	892500000
	BK-Set 3x5	170	350	6	622 kg	White	Anthracite	892600000
							Red-Brown	892700000
	BK-Set 3x6	170	410	6	736 kg	White	Anthracite	892800000
							Red-Brown	892900000
	BK-Set 4x4	170	290	6	656 kg	White	Anthracite	893000000
							Red-Brown	893100000
	BK-Set 4x5	170	350	6	804 kg	White	Anthracite	893200000
							Red-Brown	893300000

*Further versions on request - Subject to changes

Easy and fast installation

MINI ROUNDABOUT

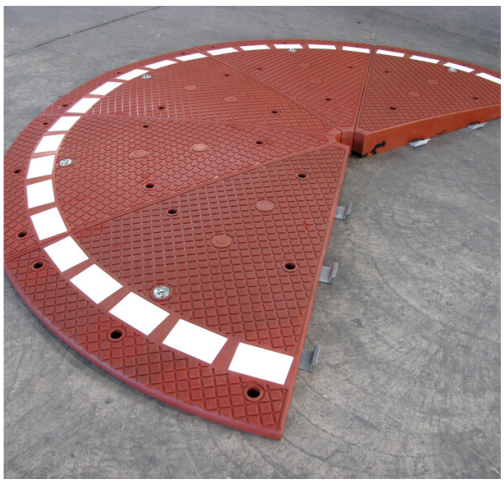
The MINI-ROUNDABOUT with a diameter of 3000 mm is made up of 8 segments of vulcanized recycled rubber.
Crucial for the safe flow of traffic is the high visibility of the junction for the driver when approaching, especially at night.

It is effective, wear-resistant and inexpensive

Easy and quick to install

It can also be used in difficult road conditions

Rubber-metal-reinforced elements offer high stability



	Name	Details	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Miniroundabout-Segment	MSS RF A	Anthracite	1500 x 55-1140 x 3-12 mm	77 kg	With 5 retroreflective tapes, Colour White	With 6 special dowels + screws + 6 sealing plugs	805300000
	Miniroundabout-Segment	MSS RF R	Red-Brown	1500 x 55-1140 x 3-12 mm	77 kg	With 5 retroreflective tapes, Colour White	With 6 special dowels + screws + 6 sealing plugs	805400000

Sets incl. fastening material	Name	Details	Dimensions LxWxH cm	Reflective Tape	Colour	Article
	Miniroundabout-Set	MSS RF A Set 1-8	300 x 300 x 3-12 cm	With 40 retroreflective tapes, Colour White	Anthracite	893800000
	Miniroundabout-Set	MSS RF R Set 1-8	300 x 300 x 3-12 cm	With 40 retroreflective tapes, Colour White	Red-Brown	893900000

* The MSS-Set 1-8 is supplied with 48 fastening sets, 48 plugs and 24 fastening clips
* In the case of permanent driving over, we recommend that the products also be glued. 2 packs of 13.8kg adhesive are required for each Miniroundabout-Set.

SPEED HUMP

With a height of only 40 mm the SPEED HUMP is perfectly qualified for speed reduction in:

- Industry; e.g. in front of scales and factory driveways
- Construction of car parks
- Residential areas
- many more

Low noise when driving over because it is made of rubber material

High visibility: The white retroreflective parts ensure an ideal contrast and increase attention even at night and in bad lighting conditions

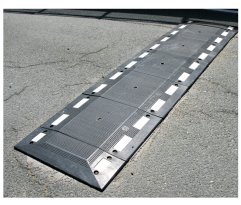
Easy and fast installation

Temporarily applicable

Wear-resistent

Cost-efficient

Max. Crossing-Speed 40 km/h	Name	Details Type Ph 40-750	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Speed Hump Edge Element	SIGR RB A 750x250x40	Anthracite	750 x 250 x 40 mm	6,5 kg	With 2 retroreflective tapes, Colour White	With 4 special dowels + screws	802700000
	Speed Hump Inner Element	SIGM RB A 750x500x40	Anthracite	750 x 500 x 40 mm	19,5 kg	With 2 retroreflective tapes, Colour White	With 4 special dowels + screws	802600000



Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	SIG-Set 2+1	100	75	4	32,5 kg	White	Anthracite	880100000
	SIG-Set 2+2	150	75	4	52,0 kg	White	Anthracite	880200000
	SIG-Set 2+3	200	75	4	71,5 kg	White	Anthracite	880300000
	SIG-Set 2+4	250	75	4	91,0 kg	White	Anthracite	880400000
	SIG-Set 2+5	300	75	4	110,5 kg	White	Anthracite	880500000
	SIG-Set 2+6	350	75	4	130 kg	White	Anthracite	880600000
	SIG-Set 2+7	400	75	4	149,5 kg	White	Anthracite	880700000
	SIG-Set 2+8	450	75	4	169 kg	White	Anthracite	880800000

*Further versions on request - Subject to changes

SPEED HUMP

SPEED HUMPS are ideal for the cost-efficient, quick & effective installation to reduce speed at:

- Streets
- Shopping Centers
- Parking Spaces
- Residential Areas
- Company Premises

It can also be used as rain water protection in underground parkings an halls

The speed hump consists of black corner elements and centre pieces equipped with big yellow retroreflective parts to give an explicit signal.

It is available in different heights (50 - 70mm) and sizes thanks to the modular system.

SPEED HUMP

Max. Crossing-Speed 15 km/h	Name	Details	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Speed Hump Inner Element	SIGM G RB S	Black	900 x 500 x 70 mm	27 kg	With 12 retroreflective tapes, Colour Yellow	With 6 special dowels + screws	809400000
	Speed Hump Edge Element	SIGR G S	Black	900 x 480 x 70 mm	16,5 kg	--	With 4 special dowels + screws	809500000
Max. Crossing-Speed 20 km/h	**Name**	**Details**	**Colour**	**Dimensions (LxWxH)**	**Weight**	**Reflective Tape**	**Installation**	**Article**
	Speed Hump Inner Element	SIGM M RB S	Black	900 x 500 x 50 mm	19 kg	With 12 retroreflective tapes, Colour Yellow	With 6 special dowels + screws	809600000
	Speed Hump Edge Element	SIGR M S	Black	900 x 450 x 50 mm	10 kg	--	With 4 special dowels + screws	809700000
Max. Crossing-Speed 30 km/h	**Name**	**Details**	**Colour**	**Dimensions (LxWxH)**	**Weight**	**Reflective Tape**	**Installation**	**Article**
	Speed Hump Inner Element	SIGM K RB S	Black	650 x 500 x 50 mm	14 kg	With 12 retroreflective tapes, Colour Yellow	With 4 special dowels + screws	809800000
	Speed Hump Edge Element	SIGR K S	Black	650 x 320 x 50 mm	7 kg	--	With 3 special dowels + screws	809900000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	SIG-Set 2+1	146	90	7	63 kg	Yellow	Black	886800000
		140	90	5	35 kg			886900000
		114	65	5	38 kg			887000000
	SIG-Set 2+2	196	90	7	90 kg	Yellow	Black	887100000
		190	90	5	54 kg			887200000
		164	65	5	42 kg			887300000
	SIG-Set 2+3	246	90	7	117 kg	Yellow	Black	887400000
		240	90	5	73 kg			887500000
		214	65	5	56 kg			887600000
	SIG-Set 2+4	296	90	7	144 kg	Yellow	Black	887700000
		290	90	5	92 kg			887800000
		264	65	5	70 kg			887900000
	SIG-Set 2+5	346	90	7	171 kg	Yellow	Black	888000000
		340	90	5	111 kg			888100000
		314	65	5	84 kg			888200000
	SIG-Set 2+6	396	90	7	198 kg	Yellow	Black	888300000
		390	90	5	130 kg			888400000
		364	65	5	98 kg			888500000
	SIG-Set 2+7	446	90	7	225 kg	Yellow	Black	888600000
		440	90	5	149 kg			888700000
		414	65	5	112 kg			888800000
	SIG-Set 2+8	496	90	7	252 kg	Yellow	Black	888900000
		490	90	5	168 kg			889000000
		464	65	5	126 kg			889100000

*Further versions on request - Subject to changes

In the case of long-term installation or permanent driving over, we recommend gluing the products.

SPEED HUMP

Max. Crossing-Speed 10 km/h	Name	Details	Colour	Dimensions (LxWxH)	Weight	Installation	Article
	Speed Hump Inner Element	SIGM KA S 355x260x55	Black	355 x 260 x 55 mm	4 kg	With 2 special dowels + screws	810000000
	Speed Hump Inner Element	SIGM KA G 355x260x55	Yellow	355 x 260 x 55 mm	4 kg	With 2 special dowels + screws	810100000
	Speed Hump inner element	SIGR S 355x260x55	Black	355 x 260 x 55 mm	4 kg	With 2 special dowels + screws	811200000
	Speed Hump edge element	SIGR G 355x260x55	Yellow	355 x 260 x 55 mm	4 kg	With 2 special dowels + screws	811300000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	SIG-Set 2+1	78	35,5	5,5	12 kg	--	Black-Yellow	884300000
	SIG-Set 2+1	78	35,5	5,5	12 kg	--	Black-Yellow	884400000
	SIG-Set 2+2	104	35,5	5,5	16 kg	--	Black-Yellow	884500000
	SIG-Set 2+3	130	35,5	5,5	20 kg	--	Black-Yellow	884600000
	SIG-Set 2+3	130	35,5	5,5	20 kg	--	Black-Yellow	884700000
	SIG-Set 2+4	156	35,5	5,5	24 kg	--	Black-Yellow	884800000
	SIG-Set 2+5	182	35,5	5,5	28 kg	--	Black-Yellow	884900000
	SIG-Set 2+5	182	35,5	5,5	28 kg	--	Black-Yellow	885000000
	SIG-Set 2+6	208	35,5	5,5	32 kg	--	Black-Yellow	885100000
	SIG-Set 2+7	234	35,5	5,5	36 kg	--	Black-Yellow	885200000
	SIG-Set 2+7	234	35,5	5,5	36 kg	--	Black-Yellow	885300000
	SIG-Set 2+8	260	35,5	5,5	40 kg	--	Black-Yellow	885400000

*Further versions on request - Subject to changes

It is available in numerous sizes thanks to its modular system

SPEED HUMP

Max. Crossing Speed 15 km/h	Name	Details	Colour	Dimensions (LxWxH)	Weight	Installation	Article
	Speed Hump Edge Element	SIGR S 400x200x50 SIGR G 400x200x50	Black Yellow	400 x 200 x 50 mm	2,5 kg	With 3 special dowels + screws	811210000 811310000
	Speed Hump Inner Element	SIGM S 400x500x50 SIGM G 400x500x50	Black Yellow	400 x 200 x 50 mm	8 kg	With 4 special dowels + screws	810010000 810110000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Colour	Article
	SIG-Set 2+1	90	40	5	13 kg	Black-Yellow	884310000
	SIG-Set 2+1	90	40	5	13 kg	Black-Yellow	884410000
	SIG-Set 2+2	140	40	5	21 kg	Black-Yellow	884510000
	SIG-Set 2+3	190	40	5	29 kg	Black-Yellow	884710000
	SIG-Set 2+3	190	40	5	29 kg	Black-Yellow	884610000
	SIG-Set 2+4	240	40	5	37 kg	Black-Yellow	884810000
	SIG-Set 2+5	290	40	5	45 kg	Black-Yellow	884910000
	SIG-Set 2+5	290	40	5	45 kg	Black-Yellow	885010000
	SIG-Set 2+6	340	40	5	53 kg	Black-Yellow	885110000
	SIG-Set 2+7	390	40	5	61 kg	Black-Yellow	885210000
	SIG-Set 2+7	390	40	5	61 kg	Black-Yellow	885310000
	SIG-Set 2+8	440	40	5	69 kg	Black-Yellow	885410000
	SIG-Set 2+9	490	40	5	77 kg	Black-Yellow	885510000

*Further versions on request - Subject to changes

In the case of long-term installation or permanent driving over, we recommend gluing the products.

CROSSING ASSISTANCE

The CROSSING ASSISTANCE is perfectly suitable for the fast installation of

- Pedestrian Crossing Assistances
- Traffic islands in crossing areas
- Roundabout traffic islands

It can optionally be used to secure tank systems

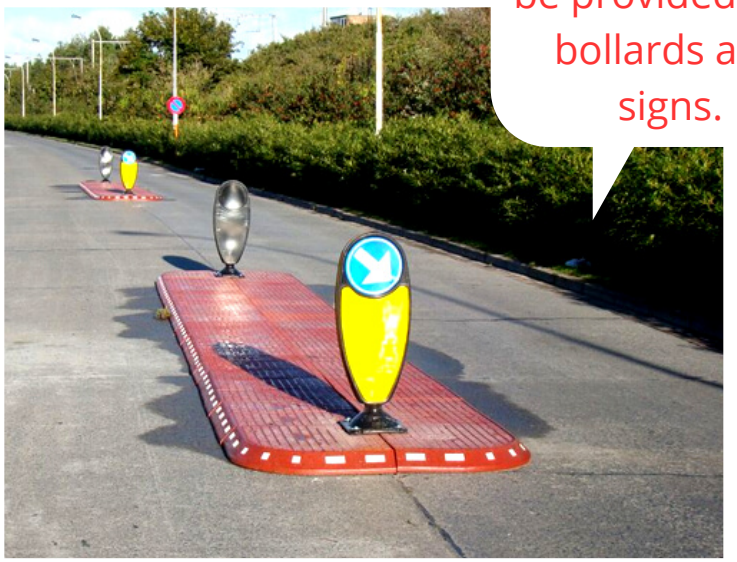
High strength

Mechanically resistant

High visibility thanks to retroreflective surfaces in all conditions

Cost-efficient

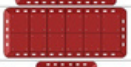
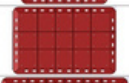
Quick assembly



It can optionally be provided with bollards and signs.

CROSSING ASSISTANCE

	Name	Details	Colour	Dimensions (LxWxH)	Weight	Reflective Tape	Installation	Article
	Crossing Assistance Corner Element	QHE RB R 800x800x100	Red-Brown	800 x 800 x 100 mm	47 kg	With 7 retroreflective tapes, Colour white	With 4 special dowels + screws + plugs	813600000
	Crossing Assistance Ramp	QHA RB R 800x400x100	Red-Brown	800 x 400 x 100 mm	29 kg	With 2 retroreflective tapes, Colour white	With 2 special dowels + screws + plugs	813700000
	Crossing Assistance Inner Element Large	QHM G R 800x400x100	Red-Brown	800 x 400 x 100 mm	28 kg	–	With 2 special dowels + screws + plugs	813800000
	Crossing Assistance Inner Element Small	QHM K R 400x400x100	Red-Brown	400 x 400 x 100 mm	14 kg	–	With 2 special dowels + screws + plugs	813900000

Sets incl. fastening material	Details	Width cm	Length cm	Height cm	Weight	Reflective Tape	Colour	Article
	BK-Set 2x2	170	170	6	200 kg	White	Anthracite	891200000
							Red-Brown	891300000
	BK-Set 2x3	170	230	6	280 kg	White	Anthracite	891400000
							Red-Brown	891500000
	BK-Set 2x4	170	290	6	360 kg	White	Anthracite	891600000
							Red-Brown	891700000
	BK-Set 2x5	170	350	6	440 kg	White	Anthracite	891800000
							Red-Brown	891900000
	BK-Set 2x6	170	410	6	520 kg	White	Anthracite	892000000
							Red-Brown	892100000
	BK-Set 3x3	170	230	6	394 kg	White	Anthracite	892200000
							Red-Brown	892300000
	BK-Set 3x4	170	290	6	508 kg	White	Anthracite	892400000
							Red-Brown	892500000
	BK-Set 3x5	170	350	6	622 kg	White	Anthracite	892600000
							Red-Brown	892700000
	BK-Set 3x6	170	410	6	736 kg	White	Anthracite	892800000
							Red-Brown	892900000
	BK-Set 4x4	170	290	6	656 kg	White	Anthracite	893000000
							Red-Brown	893100000
	BK-Set 4x5	170	350	6	804 kg	White	Anthracite	893200000
							Red-Brown	893300000

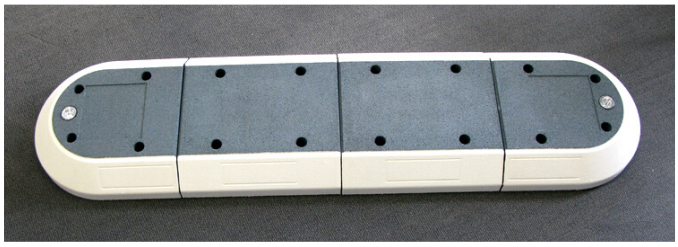
*Further versions on request - Subject to changes

It is available in numerous sizes thanks to its modular system

CROSSING ASSISTANCE MINI

The CROSSING ASSISTANCE MINI is used for the quick assembly of lane dividers, pedestrian crossing aids and for safe lane narrowing.

It can optionally be provided with bollards and signs.



Fast installation

Cost-efficient

High visibility for all road users thanks to white reflective surfaces and glass markers

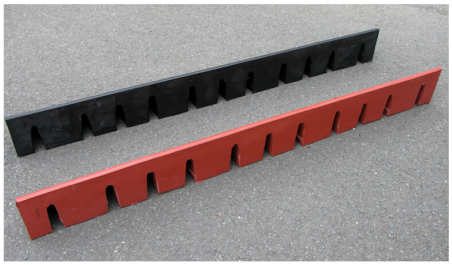
	Name	Details	Dimensions (LxWxH)	Weight	Colour	Reflective Tape	Installation	Article
	Crossing Aid Edge Element	QHR RF with Glass Marker	500x500x130mm	20kg	Red	White + Glass Marker	With 4 special dowels + screws + plugs	813300001
					Grey			813310001
	Crossing Aid Inner Element	QHM RF	500x500x130mm	22kg	Red	White	With 4 special dowels + screws + plugs	813400000
					Grey			813410000

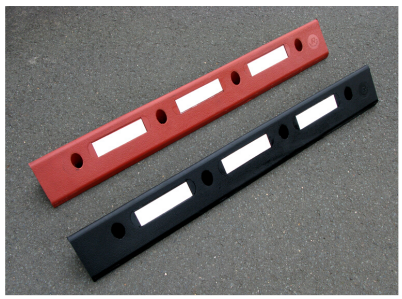
ELASTIC KERBING

The PH-Elastic Kerbing also adapts to difficult road conditions

The ELASTIC KERBING is perfectly suitable for a cost-efficient and fast installation of:

Traffic Islands
Road Separators
Pedestrian Crossing Assistance
Road Narrowings
Kerb Heightening
Broadening of footpaths and cycle tracks
Change of curve radius





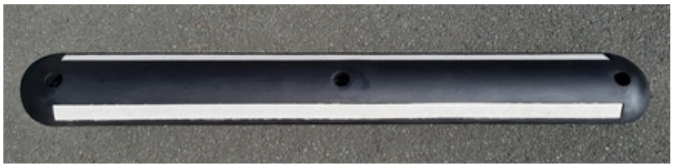
High stability thanks to metal-reinforced elements

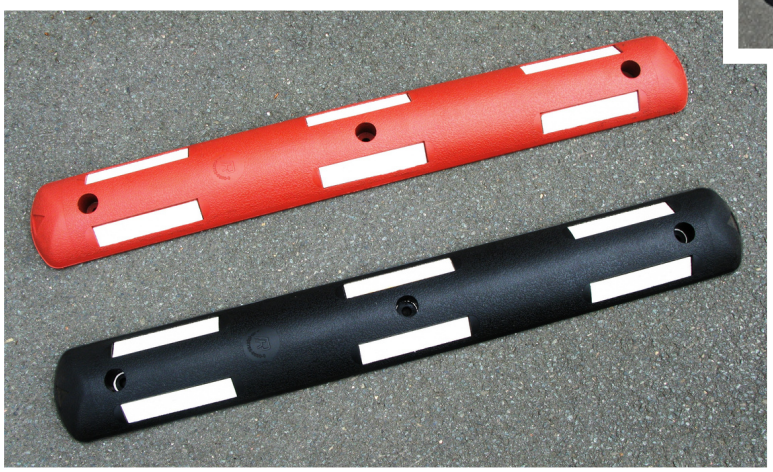
	Details (LxWxH in mm)	Weight	Colour	Reflective Tape	Installation	Article
	EBS RB A 1000 x 90 x 100	7 kg	Anthracite	With 3 retroreflective tapes, Colour white	With 4 special dowels + screws	801300000
	EBS RB R 1000 x 90 x 100	7 kg	Red-Brown	With 3 retroreflective tapes, Colour white	With 4 special dowels + screws	801500000

SEPARATION AND MARKING BAR

The SEPARATION & MARKING BAR is effective and proved as an installation of:

- Restricted areas
- Boundary of car parks
- Road separators
- Road narrowings
- Marking of parking places
- Crash guards in parking garages
- separation of footpaths and cycle tracks
- Change of curve radius
- Traffic Island
- Crash guards for loading trucks etc.





High stability thanks to metal-reinforced elements

	Details (LxWxH in mm)	Weight	Colour	Reflective Tape	Installation	Article
	TMB RB A 1000 x 130 x 44	5,5 kg	Anthracite	With 6 retroreflective tapes, Colour white	With 3 special dowels + screws + plugs	800000000
	TMB RB R 1000 x 130 x 44	5,5 kg	Red-Brown	With 6 retroreflective tapes, Colour white	With 3 special dowels + screws + plugs	800200000
	TMB RB R 700 x 150 x 45	4,5 kg	Anthracite	With 2 retroreflective tapes, Colour white	With 3 special dowels + screws + plugs	800210000
	TMB RB A 700 x 150 x 45	4,5 kg	Red-Brown	With 2 retroreflective tapes, Colour white	With 3 special dowels + screws + plugs	800010000

PARKING SPACE STOP

The PARKING SPACE STOP is perfectly suitable for the effective and proved installation of:

Restricted areas
Boundaries of car parks
Marking of parking spaces
Crash guards in parking garages
Crash guards for loading tracks

	Details (LxWxH in mm)	Weight	Colour	Reflective Tape	Installation	Article
	PPS RB A 1000 x 90 x 100	7 kg	Anthracite	With 2 retroreflective tapes, Colour white	With 4 special dowels + screws	814100000
	PPS RB R 1000 x 90 x 100	7 kg	Red-Brown	With 2 retroreflective tapes, Colour white	With 4 special dowels + screws	814200000

RECYCLED RUBBER

TRUCK WHEEL STOP

The TRUCK WHEEL STOP is used to delimit parking spaces and as a maneuvering aid for trucks, buses and large vehicles. It enables precise parking and maneuvering so that damage to vehicles or buildings is avoided.

	Details (LxWxH in mm)	Weight	Colour	Reflective Tape	Installation	Article
	LKW A RB G 100x300x150 mm	24,5 kg	Anthracite	Yellow	With 5 special dowels + screws	801550000

Made of recycled rubber

extremely stable and durable

High visibility thanks to its yellow retroreflective tapes

The underside has a cable duct; additional recesses allow rainwater to drain away

PARKING DEMARCATION

The PARKING SPACE DEMARCATION made of compressed polyurethane is suitable for side and front parking space demarcation and facilitates parking, keeping order and security.

Enables precise parking

Optimizes parking facilities

Operational delimitation of routes

Can be used as a curb

High visibility thanks to retroreflective tapes

Fast and easy to install

	Details (LxWxH in mm)	Weight	Colour	Reflective Tape	Installation	Article
	PPA A 900 x 152 x 102 RB	8,5 kg	Anthracite	With 4 retroreflective tapes, Colour white or yellow	With 2 mounting holes	825500000
	PPA A 900 x 152 x 102 RB	8,5 kg	Anthracite	With 4 retroreflective tapes, Colour white or yellow	With 2 mounting holes	825510000
	PPA A 1820 x 152 x 102 RB	17 kg	Anthracite	With 8 retroreflective tapes, Colour white or yellow	With 4 mounting holes	825600000
	PPA A 1820 x 152 x 102 RB	17 kg	Anthracite	With 8 retroreflective tapes, Colour white or yellow	With 4 mounting holes	825610000

BOLLARD OLDTOWN

RECYCLED RUBBER

The BOLLARD OLDTOWN is

- bendable and self-aligning
- representative in design
- has a high quality in workmanship,
- weather-resistant
- maintenance-free.

With its appealing design, it beautifies any old town and makes the streets even safer.

PH BOLLARD OLDTOWN

Vulcanized recycled rubber
inclinable up to 90° degrees
Installation: Concreted 500mm deep in the ground respectively compacted with sand

Details (∅ x H in mm)	Weight	Colour	Article
ALPOU A 90 x 1400	8 kg	Anthracite	812522000
ALPOU A Universal Type 1 90 x 1400 With plastic tube for permanent installation		Anthracite	812521000

*No chain eye possible

It can be used

- in old-town areas
- in front of business centers
- in front of offices and town halls
- in pedestrian zones

COST-EFFICIENT

FAST AND EASY TO INSTALL

BOLLARD UNIVERSAL

THE BOLLARD UNIVERSAL IS PERFECTLY SUITABLE FOR:

- Small and large parking spaces
- Pedestrian zones
- Business Centers
- Schools (as an area barricade)

When being hit, the bollard bends up to an angle of 90° without being damaged. When the load is removed, the bollards go back to their original, upright position.

The bollard can be optionally equipped with white, red, blue or yellow retroreflective stripes as well as with a connecting chain

FAST AND EASY TO INSTALL

BOLLARD UNIVERSAL TYPE 1 & 2

PH BOLLARD UNIVERSAL

Vulcanized recycled rubber
Bendable up to 90° degrees
Installation: Concreted 500mm deep in the ground
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A 140 x 1400**	18 kg	Anthracite	812200000
POU RB HG 140 x 1400*	18 kg	Light-Grey	812300000
POU RB A 140 x 1400** With 9 Reflective Tapes	18 kg	Anthracite	812400000

PH BOLLARD UNIVERSAL TYPE 1 incl. plastic tube

Vulcanized recycled rubber
Bendable up to 90° degrees
Installation: Embedded in a plastic tube, concreted 500mm deep in the ground and compacted with sand
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A Universal Type 1 140 x 1400**	19,5 kg	Anthracite	812501000
POU RB HG Universal Type 1 140 x 1400*	19,5 kg	Light-Grey	812503000
POU RB A Universal Type 1 140 x 1400** With 9 Reflective Tapes	19,5 kg	Anthracite	812502000

PH BOLLARD UNIVERSAL TYPE 2 incl. plastic tube and base plate

Vulcanized recycled rubber
Bendable up to 90° degrees
Installation: Embedded in a plastic tube, concreted 500mm deep in the ground and compacted with sand
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A Universal Type 2 140 x 1400**	20 kg	Anthracite	812505000
POU RB HG Universal Type 2 140 x 1400*	20 kg	Light-Grey	812507000
POU RB A Universal Type 2 140 x 1400** With 9 Reflective Tapes	20 kg	Anthracite	812506000

RECYCLED RUBBER

BOLLARD SPECIAL, CITY & CITY FLEX

PH BOLLARD SPECIAL incl. cap and wrench

Vulcanized recycled rubber
Bendable up to 90° degrees
Installation: Embedded in a plastic tube, concreted 500mm deep in the ground, bollard with M24 thread screwed into the plastic tube
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A Special* 140 x 1400	21,5 kg	Anthracite	812509000
POU RB HG Special* 140 x 1400	21,5 kg	Light-Grey	812511000
POU RB A Special (9) ** 140 x 1400 With 9 Reflective Tapes	21,5 kg	Anthracite	812510000

PH BOLLARD CITY incl. base plate

Vulcanized recycled rubber
Bendable up to 20° degrees
Installation: Bollard screwed onto a base plate, which is connected tot he ground with 3 screws and dowels
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A City* 140 x 900	13 kg	Anthracite	812513000
POU RB HG City* 140 x 900	13 kg	Light-Grey	812515000
POU RB A City (9) ** 140 x 900 With 9 Reflective Tapes	13 kg	Anthracite	812514000

PH BOLLARD CITY FLEX incl. base plate

Vulcanized recycled rubber
Bendable up to 90° degrees
Installation: Bollard attached to a base plate by means of a tension spring and connected to the ground with 3 screws and dowels
With 2 or 9 reflective tapes

Details (∅ x H in mm)	Weight	Colour	Article
POU RB A City-Flex* 140 x 900	15,5 kg	Anthracite	812517000
POU RB HG City-Flex* 140 x 900	15,5 kg	Light-Grey	812519000
POU RB A City-Flex (9) ** 140 x 900 With 9 Reflective Tapes	15,5 kg	Anthracite	812518000

Thanks to its resilience, the bollards have no maintenance costs

CABLE BRIDGE

RECYCLED RUBBER

The CABLE BRIDGE is suitable for an effective protection of temporary cable, hose and pipe runs up to 70mm.

- Across roads
- In marketplaces
- On construction sites
- At exhibitions
- At aerodromes

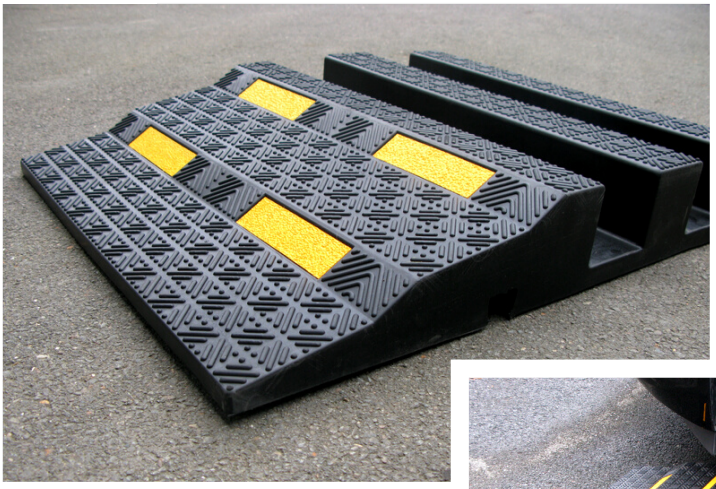
High resilience

High strength

Yellow reflective tapes for good visibility

Weatherproof

Easy to drive over by flat ramping



	Details	Dimensions (LxWxH in mm)	Weight	Reflective Tape	Colour	Article
	SCHB A 850x500x90 mm	850 x 500 x 90	23 kg	8 yellow reflective tapes	Anthracite	814826000

TREE PROTECTION SLICE

The TREE PROTECTION SLICE gives the tree freedom to grow and breathe because the elastic rubber granulate compound grows in time with the tree.

Rubber Compound for self-installation

Admixture of colours is available upon request

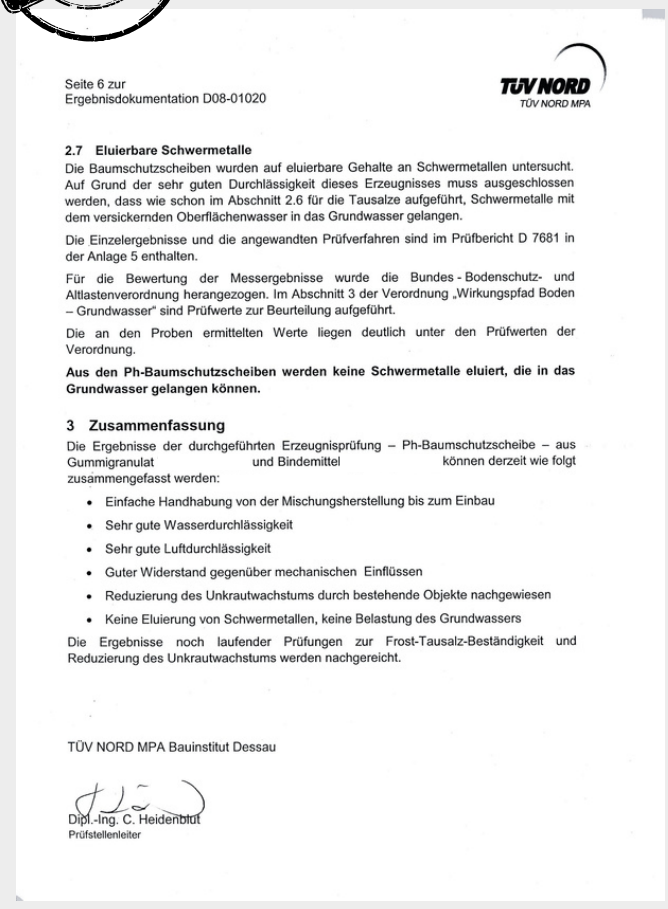
TÜV-certificated

Very high water permeability (average 0,965 L/sec/m³) and air permeability (average 1301m³/h at 45 Pa proof pressure)

High resistance to frost and de-icing salt - weatherproof

Reducing weed growth

Resistant to mechanical influences



Seite 6 zur
Ergebnisdokumentation D08-01020

TÜV NORD
TÜV NORD MPA

2.7 Eluierbare Schwermetalle

Die Baumschutzscheiben wurden auf eluierbare Gehalte an Schwermetallen untersucht. Auf Grund der sehr guten Durchlässigkeit dieses Erzeugnisses muss ausgeschlossen werden, dass wie schon im Abschnitt 2.6 für die Tausalze aufgeführt, Schwermetalle mit dem versickernden Oberflächenwasser in das Grundwasser gelangen.

Die Einzelergebnisse und die angewandten Prüfverfahren sind im Prüfbericht D 7681 in der Anlage 5 enthalten.

Für die Bewertung der Messergebnisse wurde die Bundes - Bodenschutz- und Altlastenverordnung herangezogen. Im Abschnitt 3 der Verordnung „Wirkungspfad Boden – Grundwasser" sind Prüfwerte zur Beurteilung aufgeführt.

Die an den Proben ermittelten Werte liegen deutlich unter den Prüfwerten der Verordnung.

Aus den Ph-Baumschutzscheiben werden keine Schwermetalle eluiert, die in das Grundwasser gelangen können.

3 Zusammenfassung

Die Ergebnisse der durchgeführten Erzeugnisprüfung – Ph-Baumschutzscheibe – aus Gummigranulat und Bindemittel können derzeit wie folgt zusammengefasst werden:

- Einfache Handhabung von der Mischungsherstellung bis zum Einbau
- Sehr gute Wasserdurchlässigkeit
- Sehr gute Luftdurchlässigkeit
- Guter Widerstand gegenüber mechanischen Einflüssen
- Reduzierung des Unkrautwachstums durch bestehende Objekte nachgewiesen
- Keine Eluierung von Schwermetallen, keine Belastung des Grundwassers

Die Ergebnisse noch laufender Prüfungen zur Frost-Tausalz-Beständigkeit und Reduzierung des Unkrautwachstums werden nachgereicht.

TÜV NORD MPA Bauinstitut Dessau

Dipl.-Ing. C. Heidenblut
Prüfstellenleiter

TREE PROTECTION SLICE

No more tripping hazards

Before

After

Easy and fast On-Site installation

	Details	Colour	Article
	Tree protection screen for self-installation, consisting of: recycled rubber granulate black and binder colorless	Black	816000000
	Tree protection screen for self-installation, consisting of: recycled rubber granulate black and binder coloured red-brown	Red-Brown	816100000
	Tree protection screen for self-installation, consisting of: recycled rubber granulate black and binder coloured green	Green	816200000

*approx. 30kg/m² with approx. 40mm thickness

Delivery only in whole containers. 1 container = 145kg (125kg rubber granulate + 20kg binder)

OUR COMPANY WAS FOUNDED IN GERMANY IN 1985.

WE ARE ONE OF THE FIRST COMPANIES TO ESTABLISH VULCANIZED RUBBER PRODUCTS FOR ROAD SAFETY IN EUROPE.

OUR PLASTIC AND ELASTIC PRODUCTS CREATE STYLISH LIVING SPACES FOR EVERY NEED.

WITH OUR DEVICE AND MACHINE FEET, YOUR PRODUCTION IS ALWAYS ON A SAFE FOOTING.

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Gummitechnik