

Flexible plug expansion joint supplied by mageba since 2008



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Object	Country	Bridge information					Expansion joint information							
		Client	Street classification *A (Autobahn / Motorway) *B (Bundesstraße/Federal road) *L (Landesstraße/Country road) *G (Gemeindestraße/Township road)	movement [mm]	New Building	Existence	Side-walk	Carriage-way	High Course	depth [mm]	Installation length [m]	Year	Month	
Repair of mat-joints M260-A2 South motorway Obj. A10 Pirchingberg bridge km 156,061 WL. Villach-1. Lane	AT / Styria	Asfinag	A	10		x		x		30	1	2008	9	
A14 Radwegbrücke über die Spur 300 in Wolfurt	AT / Vorarlberg	Nägelebau	G	10	x		x			20	21	2009	3	
Construction of the Köstner bridge over the Antiesen in Aurozlmünster*)	AT / Upper Austria	Alpine / Taufkirchen	L	40	x		x	x		60	10	2009	8	
bicycle track Kastelbell-Tschars	IT / South Tyrol	Marx / Schlanders	L	10	x		x	x		80	4	2009	11	
Bridge over the Ybbs near Hermannsdorf, L95 km 1,560*)	AT / Lower Austria	NÖ Landesregierung	L	60		x	x	x	x	55	9	2009	11	
bicycle track Kastelbell-Tschars	IT / South Tyrol	Marx / Schlanders	L	10		x	x	x	x	55	4	2010	4	
Repair of mat-joints A9 Phyrn highway	AT / South Tyrol	Asfinag	A	10		x		x		30	1	2010	7	
Post Distribution Linz	AT / Upper Austria	Hoch- u. Tiefbau Linz		30		x	x	x		50	7	2010	8	
foot bridge to the Lentos lower Donaulände in Linz	AT / Upper Austria	Leithäusl / Pichl bei Wels		30		x	x		x	50	10	2010	9	
Object B25.06 (Laaberbach bridge) B25 near Ybbs*)	AT / Lower Austria	NÖ Landesregierung	B	30		x	x	x		50	12	2010	10	
United Kingdom – A2 Littledale Viaduct South	GB / London District	Pitchmastic	A	100		x	x	x	x	50	27	2011	2-3	
Bridge over the Krems on the Nettingsdorfer road in the local authority area of Ansfelden	AT / Upper Austria	OÖ Landesregierung	L	30		x	x	x	x	50	8	2011	3-4	
Heldenhain bridge – foot bridge; Sbg-woe km 98792 Zell am See	AT / Salzburg	Hess / Neumarkt i. Mühlkreis		40	x		x			50	3	2011	4	
Construction Traisensteg Stattersdorf in St. Pölten	AT / Lower Austria	Edelböck / Pyhra		60	x		x			50	7	2011	5	
Post Distribution Linz	AT / Upper Austria	Hoch- u. Tiefbau Linz		30		x	x	x		60	7	2011	6	
Repair of expansion joints – Railway Bridge Salzburg foot bridge / bicycle track over the Salzach near the railway bridge	AT / Salzburg	MCE Linz		10		x	x		x	10	153	2011	9	
L6248.01 bridge over the Enns-Kraftwerkskanal; refurbishment	AT / Lower Austria	Höhnel Bautechnik / Pichl b. Wels	L	30		x	x	x	x	55	9	2011	9	
L67.04 bridge over the Thaya and the Thauabach near Windigsteig	AT / Lower Austria	NÖ Landesregierung	L	60		x	x	x		55	32	2011	9	
Object B25.40 Bridge over the Ybbs; B25 Lunz am See	AT / Lower Austria	Traunföllner / Wien	B	60		x	x	x	x	60	26	2011	10	
Bicycle track Ebelsberg	AT / Upper Austria	Porr / Linz		15		x	x		x	50	2	2011	10	



Airport Schiphol



Wiedehofweg – Munich



Hornbridge – Kitzbühl



Neudrossenfeld



Bridge Grbavica



Bridge Krapina



Railway Bridge Salzburg

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Pass Thurn Road refurbishment Horn bridge in Kitzbühel	AT / Tyrol	Fröschl AG / Hall in Tyrol	B	30		x	x	x	x	50	35	2011	10
Most Ribici	BIH	HP Investing	B	30		x		x		60	35	2011	11
Most Mostar	BIH	Sikra / Sarajevo	B	30		x	x	x		60	25	2011	12
B25 Bridge over the Ybbs in Ybbsteinbach	AT / Lower Austria	Pittel und Brausewetter / Wien	B	40		x	x	x	x	50	27	2012	5
Repair of mat-joints A9 Phyrn Highway	AT / South Tyrol	Asfinag	A	10		x		x		30	1	2012	6
Highway Zagreb-Maribor Bridge Krapina	HRV	Strabag	A	100		x	x	x	x	60	43	2012	6
Highway Zagreb-Maribor Bridge Kutjice	HRV	Strabag	A	30		x	x	x	x	40	36	2012	6
Salzachsteg Kaltenhausen near Hallein	AT / Salzburg	Strabag / Thalgau		50	x		x			60	6	2012	6
Bridge Via Cantonale in Gordevio Tessin	CH	Walo	L	30		x	x	x	x	50	13	2012	6
Highway Corridor 5C near Sarajevo	BIH	Sikra / Sarajevo	A	15	x		x	x	x	40	30	2012	6
Bridge Via Cantonale in Gordevio Tessin Refurbishment 2 further expansion joints	CH	Walo	L	30		x	x	x	x	50	26	2012	7
Highway Junction Banja Luka	BIH	Sikra / Sarajevo	A	15	x		x	x	x	40	100	2012	7
L6248.01 Bridge over the Enns-Kraftwerkskanal; Overhauling	AT / Lower Austria	NÖ Landesregierung	L	30		x	x	x	x	55	1	2012	7
Bridge Grbavica in Sarajevo	BIH	Sikra / Sarajevo	L	30		x	x	x	x	50	45	2012	8
Bridge Balzned in Sarajevo	BIH	Sikra / Sarajevo	L	30		x	x	x	x	50	25	2012	8
Munich Wiedehopfweg	DE / Bavaria	Geiger / Warngau	G	30		x	x	x		50	10	2012	8
Riva San Vitale	CH	Walo	L	30		x	x	x		50	8	2012	9
B122 Overhauling Aichgetgasse – Corporate town Steyr	AT / Upper Austria	Held & Franke / Linz	B	30		x	x	x		50	24	2012	9
Comune di Airole Ponte di Premezzana PR 190+5	CH	Walo	G	60		x	x	x	x	60	10	2012	9
Most Kisewak	BIH	Sikra / Sarajevo	L	30		x	x	x	x	50	10	2012	9
Highway Zagreb – Maribor Bridge Krapina	HRV	Strabag	A	100		x	x	x	x	60	43	2012	9
Highway Zagreb – Maribor Bridge Kutjice	HRV	Strabag	A	30		x	x	x	x	40	28	2012	9
BAB 45 Highway – Dilltal bridge Edingen driving direction Gießen	DE / Hesse	Land Hessen	A	60		x	x	x	x	60	41	2012	9-10
A8 Innkreis Highway; Meggenhofen-Weibern Obj. 170,173 177 km 31,002 – km 38,00	AT / Upper Austria	Felbermayr Bau / Salzburg	A	50		x	x	x		60	61	2012	9-10
A8 Innkreis Highway; Meggenhofen-Weibern Obj. 170,173 177 km 31,002 – km 38,00	AT / Upper Austria	Felbermayr Bau / Salzburg	A	90		x	x	x		60	38	2012	9-10
Objekt Z53B in Oensingen (ASTRA/NSNW)	CH	Walo	B	30		x	x	x	x	50	17	2012	10
Most Ribici	BIH	Sikra / Sarajevo	B	30		x		x		60	20	2012	10
Bundhofen bridge	CH	Walo	G	50		x	x	x		60	9	2012	10
B192 OD Waren / Müritz	DE / Brandenburg	Martens / Scherin	B	60		x	x	x	x	60	30	2012	10
42 sz. Ut Keleti főcsatorna hidja	HUN	RW Hidtechnika	L	90		x	x	x	x	60	15	2012	11
Trail Installation Singapur	SGP	USL Pacific		20		x		x		20	5	2013	12
Berglandmilch Klagenfurt high rack storage area	AT / Kärnten	Unterkärnter Molkerei		20		x		x		40	6	2013	2
Underpass Ostrik	BIH	Sikra / Sarajevo	L	15		x		x		40	30	2013	2
Overpass Josanica	BIH	Sikra / Sarajevo	L	30		x	x	x		50	20	2013	3

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08-1466 Fly over, Hedan Junction, Yangon City – Myanmar	AT / Myanmar	Waagner Biro Indonesia	G	40	x			x		50	60	2013	3
Object L110.03 Bridge over the Traisen near Herzogenburg in km 7,948 refurbishment expansion joints	AT / Lower Austria	Strabag/Rasenfeld	L	60		x	x	x	x	60	26	2013	4
Installation of the Bridge over the Werksbach Obj. 43.02-B43.04 Traismauer Landesstr. B43	AT / Lower Austria	Strabag/Rasenfeld	B	40		x	x	x	x	60	12	2013	4
Refurbishment expansion joints – Railway Bridge Salzburg foot bridge / bicycle track over the Salzach near the railway bridge	AT / Salzburg	MCE Linz		10		x	x		x	10	67	2013	4
Refurbishment expansion joints Wingertsbuckel	DE / Hessen	Fa. Görtze	G	30		x	x	x	x	50	14	2013	5
Fa Seebergerer BT5 Steg / Polyflex Advanced-PU PA60 in axle 10 and 36 VD04763	DE / Hessen	Motz		60	x			x	x	50	13	2013	5
NL-Trial installation factory premises Fa. Hejmanns	NLD	Hejmanns		60	x			x	x	60	4	2013	5
Repair of damaged asphaltic plug joints Parking deck City-Center Mödling	AT / Lower Austria	Pittel und Brausewetter/Wien	G	75		x	x	x	x	60	56	2013	5-6
PostParc Bern	CH / Bern	Hebag AG / Wintertur		30		x		x		50	3	2013	6
PostParc Bern	CH / Bern	Hebag AG / Wintertur		60		x		x		60	10	2013	6
A8 Innkreis Highway; Meggenhofen-Weibern Obj. 170,173 177 km 31,002 - km 38,00	AT / Upper Austria	Felbermayr Bau / Salzburg	A	50		x	x	x		60	61	2013	6
A8 Innkreis Highway; Meggenhofen-Weibern Obj. 170,173 177 km 31,002 - km 38,00	AT / Upper Austria	Felbermayr Bau / Salzburg	A	90		x	x	x		60	38	2013	6
Most preko Suhe Prepreke	BiH	Sikra / Sarajevo	L	50		x	x	x	x	60	20	2013	6
Most Kornar	BiH	Sikra / Sarajevo	L	30		x	x	x	x	50	16	2013	6
Refurbishment Dehnfugen interchange Budapest on the M6 Dilatáció csere B5 B6 B12	HUN	RW Hidtehnika	A	90		x	x	x	x	60	41	2013	6
Refurbishment expansion joint interchange Budapest on the M6 Dilatáció csere B5 B6 B12	HUN	RW Hidtehnika	A	135		x	x	x	x	60	27	2013	6
Overhauling Obj. B25.22Br. Over the Güterweg Hummelsberg near Scheibbs	AT / Lower Austria	Traunfellner / Wien	B	30		x	x	x		50	17	2013	7
B137 Repair of damaged asphaltic plug joints km 63,811	AT / Upper Austria	OÖ Landesregierung	B	30		x	x	x		50	15	2013	7
Most Begica i Begovica	BiH	Sikra / Sarajevo	L	30		x		x		50	16	2013	7
Most Sveti Ivan	CRO	Strabag	L	75		x	x	x	x	60	18	2013	7
L 1060 Ellwangen Neunheim construction ÜF Objekt 579 und 578	DE / Baden Württemberg	Andreas Stark GmbH / Aalen	L	60	x			x	x	50	18	2013	8
Highway Josanica-Visoko	BiH	Sikra / Sarajevo	A	30		x	x	x	x	50	37	2013	8
Grüne Brücke City Hamburg	DE / Hamburg	Freie Hansestadt Hamburg	G	60		x	x	x	x	60	30	2013	8-9
Grüne Brücke City Hamburg	DE / Hamburg	Freie Hansestadt Hamburg	G	30		x	x	x	x	50	30	2013	8-9
Object B2.50 and B2.51 on the B2 in km 1709,269 respectively km 106,958	AT / Lower Austria	Arge Leyrer & Graf-Kontibau	B	30		x	x	x	x	50	37	2013	8-9
A 11 Highway section Busevac-Lekenik	CRO	Geotechnika	A	50		x	x	x	x	60	50	2013	10



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A 11 Highway section Busevac-Lekenik	CRO	Geotehnika	A	50		x	x	x	x	60	50	2013	10	
A1- Anschlussstelle Pressbaum Objekt A1.012 Wiederlagerseite Wien	AT / Lower Austria	Haider & Co/Villach	A	40		x	x	x	x	50	16	2013	10	
S36 Murtal Schnellstraße; Zeltweg Ost-West; Brücke A3	AT / Steiermark	Strabag/Graz	A	40		x	x	x	x	50	30	2013	10	
A4 Grünbrücke; Obj.A4.Ü07 Göttlesbrunn; km 25,5, bridge refurbishment km 18,6-37,3	AT / Lower Austria	Leyrer & Graf/Schwechat	L	60		x	x	x	x	60	25	2013	10	
B463-bridge over the Schmiecha bei Albstadt	DE/ Baden Württemberg	Geiger/Bodnegg	B	30		x	x	x	x	50	11	2013	10	
Refurbishment Üko Schwabentorgarage in Freiburg	DE / Baden Württemberg	OAT Bietigheim	G	30		x	x	x	x	50	7	2013	10	
BAB A 70 AS Kulmbach-Neudossenfeld BW 116a 1. BA	DE / Bayern	Autobahndirektion Nordbayern	A	40		x	x	x	x	50	41	2013	11	
Ramp to departure terminal airport Schiphol	NED	Hejmans	L	30		x	x	x	x	50	40	2013	11	
Viaduct Borut	CRO	Viadukt d.d.	A	75		x	x	x	x	60	21,2	2014	3	
S10 Freistadt	AT/Upper Austria	Porr AG	A	60	X		X	X	X	60	45	2014	5	
A1- Anschlussstelle Pressbaum Objekt A1.012 Wiederlagerseite Wien	AT/Lower Austria	Haider & Co/Villach	A	40		X	X	X	X	50	22	2014	6	
Overpass Buzadovec	CRO	Viadukt d.d.	A	30	x			x		50	12	2014	6	
Landhaus St. Pölten	AT/Lower Austria	Leyrer & Graf	G	30		X	X	X	X	50	85	2014	7	
Pokoj Bridge	POL	Tarcopol	G	50		X	X	X	X	60	50	2014	7	
Bridge Drava 2 and Drava 3	CRO	Viadukt d.d.	A	90		x	x	x	x	60	110,2	2014	7	
Tresevina Bridge, Sarajevo	BHI	GP ZGP	L	40	x		x	x	x	50	10	2014	7	
Bosna bridge,Zenica	BHI	Hering	B	40		x	x	x	x	50	21,4	2014	7	
Suha Prepreka Bridge,Bosnia	BHI	Hering	B	40		x	x	x	x	50	8,1	2014	7	
Grunnasund/Bergen	NOR	BMO	L	30		X	X	X	X	50	12	2014	8	
B27 Sulmtalbrücke Neckarsulm	DE	Leonard Weis GmbH & Co KG	B	50		X	X	X	X	60	9	2014	8	
BW47, Brücke ü.d. Straßenbahn i.Z.d. Rudolf-Diesel-Straße in Schwerin	DE	Martens GmbH	L	30	X	X				50	19	2014	8	
M7 Bridge ,Bosnia	BHI	Highway agency	A	40		x	x	x		50	9	2014	8	
Tunnel's Mala Kapela, Sveti Rok and Gric	CRO	Sitolor d.o.o.	A	50		x		x		60	29,4	2014	8	
Lehenbrücke Schweiz	SUI	Mageba – Swiss	G	30		X	X	X	X	50	8	2014	9	
BAB A 70 AS Kulmbach-Neudossenfeld BW 116a 2. BA	DE / Bayern	Autobahndirektion Nordbayern	A	40		x	x	x	x	50	41	2014	9	
Güterbahnbrücke Freiburg	DE	Meurer GMBH	L	50	X					60	16	2014	9	
Moorbrücken Waren	DE	Rask BB	B	50		X				50	16	2014	9	
Bridge M2, highway tarcin	BHI	Cengiz	A	15	x		x	x		30	25,2	2014	9	
Bridge in Vitina,Bosnia	BHI	Hering	L	30		x	x	x	x	50	17,9	2014	9	
E313 – Geel	BEL	Renotec	A	30		X	X	X	X	50	30	2014	10	
Bridge Črnuče	SLO	Saning International d.o.o.	G	120		x	x	x	x	60	11,95	2014	10	
Bridge Črnuče	SLO	Saning International d.o.o.	G	50		x	x	x	x	60	35,85	2014	10	
Polanowska – Slawno	POL	Tarcopol	L	50		X	X	X	X	60	50	2014	11	
95th Off-Ramp	USA	Mageba USA	G	30		X	X	X	X	50	6	2014	11	
Bridge in Konjic,Bosnia	BHI	HP Investing	B	40		x	x	x	x	50	21,2	2014	11	
Bridge in Kiseljak,Bosnia	BHI	RWC Most	G	15		x	x	x	x	30	12,85	2014	11	
Orlovaca bridge ,Belgrade	SRB	Strabag	B	30		x	x	x	x	50	15	2014	11	

Total installation length

2899

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Maintenance details – Sheet 1 of 2



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Airport Schiphol (NLD)

Owner / Operator	Schiphol Amsterdam Airport
Bridge Description	Reinforced concrete multi-span bridge with a single span lengths of up to 25m
Special features	Asphalt design with special coating based on epoxy resin , ramp incline up to 7%
Selected expansion Type	PA30
Total length expansion joints	approx. 40 linear meters
Installation period	November 2013



Wiedehofweg – Munich (DE)

Owner / Operator	City of Munich
Bridge Description	2 -span reinforced concrete bridge with a maximum span of 21 m
Special features	Complete construction with a mastic asphalt surface
Selected expansion Type	PA30
Total length expansion joints	8 m
Installation period	August 2012



Horn Bridge Kitzbühl (AT)

Owner / Operator	Office of the Provincial Government of Tyrol
Bridge Description	Reinforced concrete multi-span bridge with a maximum clamping width of 20m
Special features	Main direction of movement of up to 20mm in joints longitudinally
Selected expansion Type	PA30
Total length expansion joints	35 m
Installation period	October 2011



Neudrossenfeld (DE)

Owner / Operator	General Directorate of Highways Northern Bavaria
Bridge Description	Reinforced concrete bridge with a span of approximately 40 m
Special features	joint training under a crossing angle of 39 gon to the bridge axis
Selected expansion Type	PA40
Total length expansion joints	41 m
Installation period	November 2013

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Maintenance details – Sheet 2 of 2



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Bridge Grbavica (BIH)

Owner / Operator	City of Sarajevo
Bridge Description	Reinforced concrete bridge with a span of approximately 30 m
Special features	Located directly before a traffic light control (cross-way)
Selected expansion Type	PA30
Total length expansion joints	45 m
Installation period	August 2012



Bridge Krapina (HRV)

Owner / Operator	Motorway Company AZM
Bridge Description	Reinforced concrete bridge with a span of approximately 110 m
Special features	Inclined expansion joint during the highway axis
Selected expansion Type	PA100
Total length expansion joints	86 m
Installation period	June and September 2012



Railway Bridge Salzburg (AT)

Owner / Operator	Austrian Federal Railways
Bridge Description	Steel bridge which is connect at the parallel-guided bridge structure of the railway line. Individual elements with a length of 6m. Vertical movements of up to 5mm
Special features	construction depth of the joint 4 -10mm, With approx. 120mm to 150mm without anchoring
Selected expansion Type	Special Type PA
Total length expansion joints	153 m
Installation period	September 2011