

Giunto Longitudinale Sperimentale Polyflex Advanced PA20

variant with support beam

minimum width = layer thickness

support beam (polymer concrete)

polymer concrete (optional)

e=250mm

13

17

8

12

1

15 70 20

20 70 15

10

35

55

10

layer thickness

step cut

20

≥70

50

Ø12

50

movement +13/-7

variant with support ribs

centre bolt / gap limiter (GL)

threaded bolt M5x20, e=250mm

support rib

shear stud substructure/structural concrete e=250mm (alternating) is required from a layer thickness up to 140mm

Attention: A temperature-dependent presetting is not possible. The temperature of superstructure during installation should not be less than + 5°C and not exceed +35°C. A temperature-dependent adapted installation width is not required. For larger gaps than listed in the table, please contact mageba!

Requirements to the surface of contact on the structural concrete:

- max. unevenness 3mm/m
- max. height difference between abutment and superstructure ±3mm
- min. compression strength of the subgrade 25 N/mm²
- breaking strength of the subgrade ≥ 1,5 N/mm²

“+” values of “S” = gap-widening resp. shortening of structure
“-” values of “S” = gap-shortening resp. widening of structure

gap S mm	cover plate A x D mm	Execution	installation width B mm
12-24 (w/o GL)	80 x 5	I	290
17-27 (with GL Ø10)	80 x 5	I	290
12-44 (w/o GL)	120 x 5	I	330
37-57 (with GL Ø30)	120 x 5	I	330
57-67 (with GL Ø50)	120 x 5	I	330

pos	name	dimension	material
17	elastomeric stripe	1mm	EPDM
13	anchor bolt S-KA	M12x...	8.8 galv.
12	angle perforated	drw.no.:15322	S235JR
8	cover plate PA	drw.no.:15320	S235JR hot galv.
1	RW60A elastic grout		2-component

maximum restoring force 20 kN/m

Q	19.07.17	first drawing	JSTE	DORT	SHOF
Revision	Date	Description	Prepared	Reviewed	Approved
mageba			Böhmerwaldstarße 39 4600 WELS-ÖSTERREICH TEL +43-7242-46991 / FAX +43-7242-46994 office@mageba.at - www.mageba.at		
Client:	approval drawing		Article-No.:		General tolerances according ISO 2768- V
Project:	roadbridge (substructure polymer concrete)		Scale:	Weight:	
Structural Member:	Polyflex Advanced PA20		P-No.:	Sheet-No.:	
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			15301-0/Z		

In esecuzione da

GIEFFE
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A4 Milano-Brescia
Giunto Longitudinale Ponte Lambro in carr.est
Km. 138+750



A4 Milano-Brescia
Giunto Longitudinale Ponte Lambro in carr.est
Km. 138+750

Schema cantiere Notturmo durante lavori ore 20.00-06.00



A4 Milano-Brescia
Giunto Longitudinale Ponte Lambro in carr.est
Km. 138+800

Schema cantiere Diurno a lavorazioni ferme



Giunto Polyflex MAGEBA terminato...seguiranno raccordi con pavimentazione esistente in conglomerato bituminoso.



La squadra dell'Impresa GIEFFE
COSTRUZIONI srl in collaborazione
con assistenza MAGEBA sig.
Matthias Wolff



6 AGOSTO 2018

