

MATRIX FLEXIBLE EXPANSION JOINTS

Lane crossing	Designation	Material	Movement capacity*	Tension	Compression	Installation width	Strength	Stabilising elements	Edge beam	European Technical Assessment ETA
RESA-JOINT® FLEX	400	Polyurethane	bis 30 mm	+20 mm	-10 mm	150-400 mm	30-70 mm		●	●
SILENT-JOINT ^{RESA} FLEX®	400	Polyurethane	50 mm	+33 mm	-17 mm	400 mm	70 mm	●	●	●
SILENT-JOINT ^{RESA} FLEX®	500	Polyurethane	60 mm	+39 mm	-21 mm	500 mm	70 mm	●	●	
SILENT-JOINT ^{RESA} FLEX®	600	Polyurethane	70 mm	+46 mm	-24 mm	600 mm	70 mm	●	●	●
SILENT-JOINT ^{RESA} FLEX®	800	Polyurethane	90 mm	+70 mm	-20 mm	800 mm	90 mm	●	●	
RESA-JOINT® Bitumen		Bitumen	up to 37.5 mm	+24.5 mm	-13 mm	500 mm	80-120 mm			●
SILENT-JOINT ^{RESA} Bitumen	500S	Bitumen	50 mm	+33 mm	-17 mm	500 mm	100-130 mm	●		●
SILENT-JOINT ^{RESA} Bitumen	700S	Bitumen	70 mm	+46 mm	-24 mm	700 mm	120-140 mm	●		●
SILENT-JOINT ^{RESA} Bitumen	900S	Bitumen	90 mm	+59 mm	-31 mm	900 mm	140-170 mm	●		●
SILENT-JOINT ^{RESA} Bitumen	1000S	Bitumen	100 mm	+65 mm	-35 mm	1000 mm	140-170 mm	●		●
RESA-JOINT® Steel		Steel	up to 80 mm	+40 mm	-40 mm		70-100 mm			

* calculation according to EUROCODE guidelines

