25 Years
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The RSAG-Network

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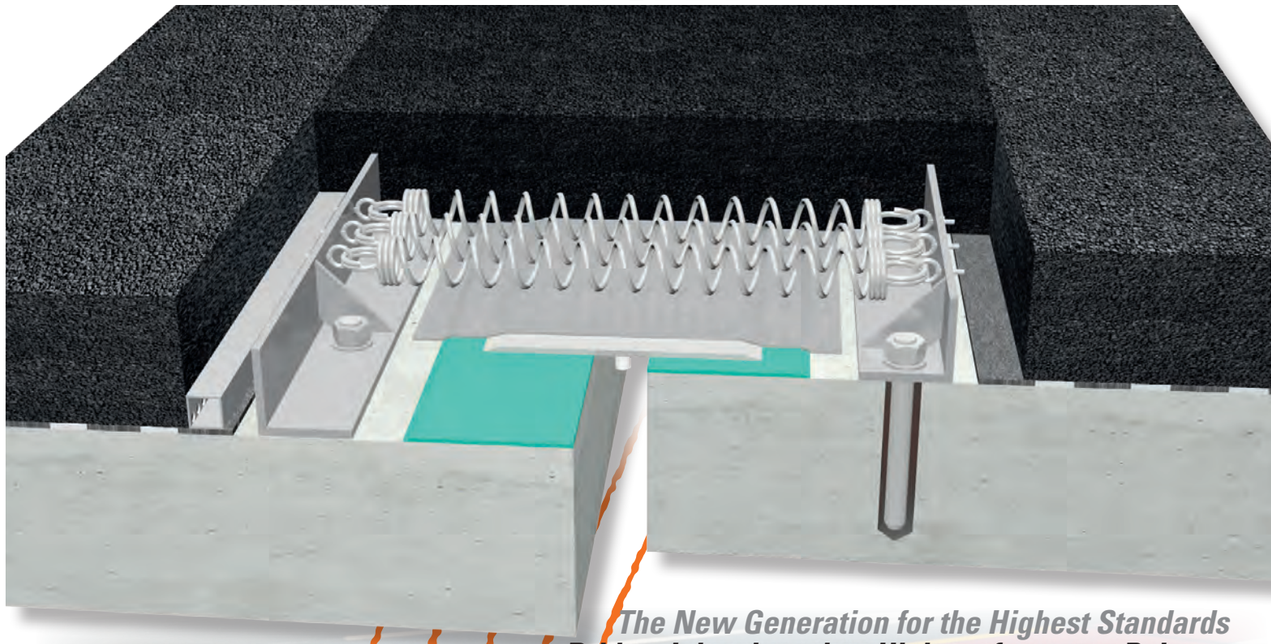
Successful system tests:
At BAM Berlin and EMPA Dübendorf
- *Movement absorption heat / cold / vibration*
- *Rutting (up to + 60 ° C)*
- *Practical experience with numerous bridge joint applications*

ISO 9001 certified ***www.rsag-schweiz.ch***

High-performance Polymer Bridge Joints

SILENT-JOINT*RESA* FLEX, *a further development of the successful* SILENT-JOINT*RESA* *system of RSAG.*

SILENT-JOINT*RESA* FLEX



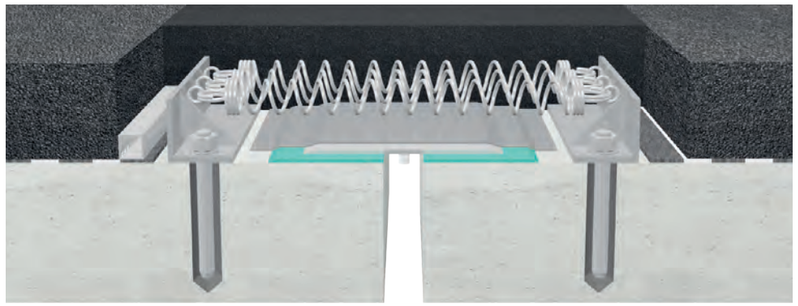
The New Generation for the Highest Standards
Bridge Joints based on High-performance Polymer

RSAG-Network
Efficient & Competent

SILENT-JOINT^{RESA} FLEX

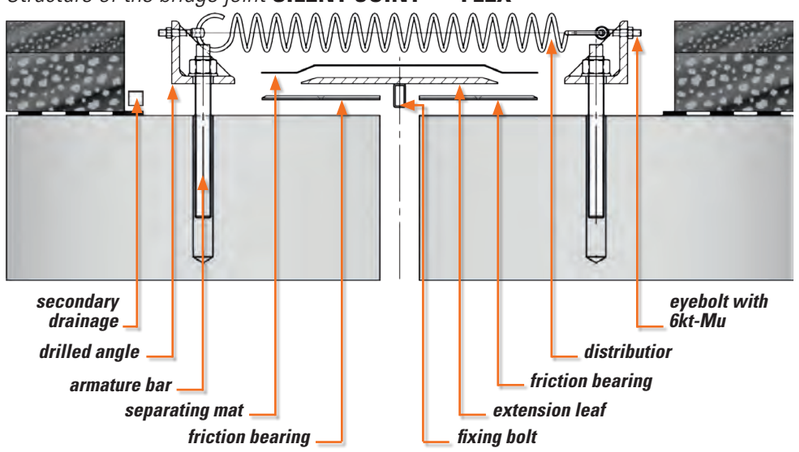
- for Bridges

SILENT-JOINT^{RESA} FLEX
3 versions (500, 700, 1000) with a movement capacity of up to 100

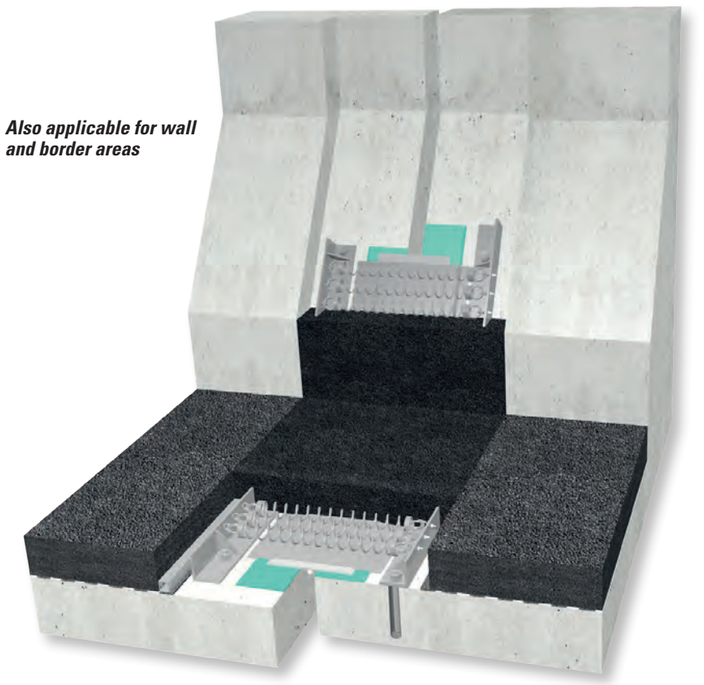


Creating bridge joints that upon being rolled over make as little noise as possible is the true art of road construction. Large movements caused by different behaviours of expansion due to temperature variations between bridge constructions place particularly high demands on design and processing.

Structure of the bridge joint **SILENT-JOINT^{RESA} FLEX**



Also applicable for wall and border areas



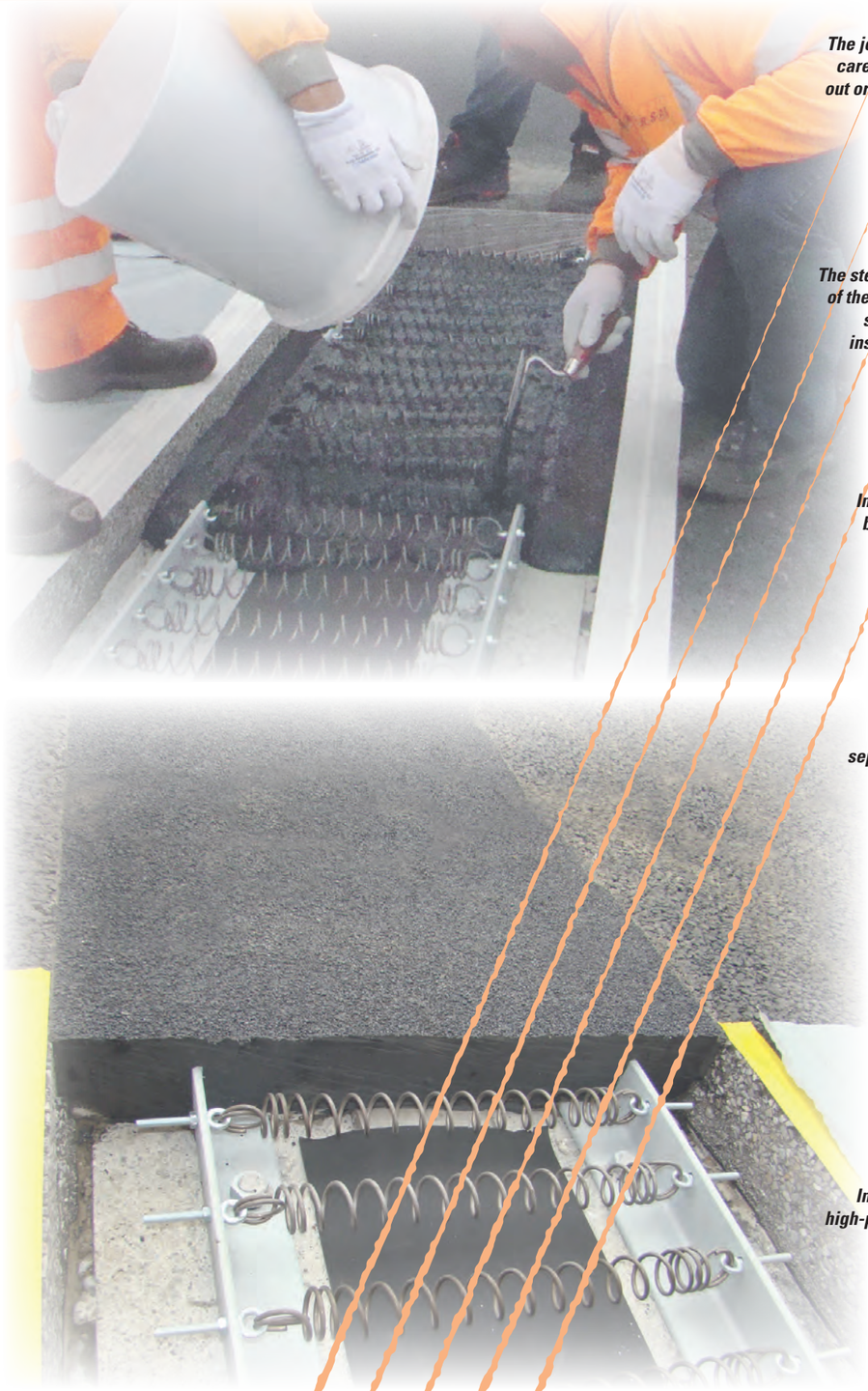
Applications:
For low-noise flexible joints that need to absorb up to 100mm at an angle to the direction of motion **SILENT-JOINT^{RESA} FLEX** *is used successfully in road and civil engineering. For low-noise bridge joints* **SILENT-JOINT^{RESA} FLEX** *is the ideal flexible connection between the bridge deck and the bearings.*

Technology:
- *Distributing structure for receiving and distributing movement in the joint body.*
- *The seamless system* **SILENT-JOINT^{RESA} FLEX** *made of high-performance polymers is stable as well as being resilient.*

Processing:
The **SILENT-JOINT^{RESA} FLEX** *system is the new generation of seamless bridge joints. Installation carried out in clearly defined steps and is precisely documented according to ISO 9001 „European technical approval" has been applied for.*

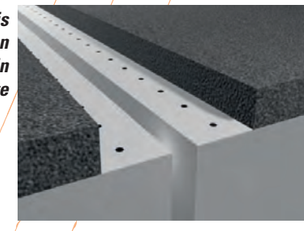
SILENT-JOINT^{RESA} FLEX, *a further development of the successful* SILENT-JOINT^{RESA} *system*
has the following advantages:

- *Cold installation, no dust or smoke*
- *Resilient*
- *Short installation time, installation time is around 40 - 60% shorter*
- *Seamless system, low-noise and great comfort to drive across*
- *Installation independent of length*
- *Compatible, waterproofing membrane or secondary drainage can be integrated.*
- *Also suitable for expansion joints with higher vibrations.*
- *Long lifespan and great resilience*
- *Safety aspects, higher job security*

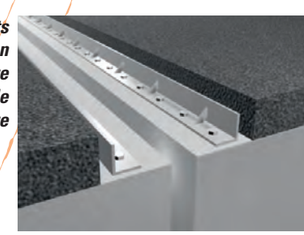


Versions:	Installation width mm	Strength mm min. max.	Movement capacity mm
SILENT-JOINT^{RESA} FLEX 500	500	80 - 120	50
SILENT-JOINT^{RESA} FLEX 700	700	120 - 140	70
SILENT-JOINT^{RESA} FLEX 1000	1000	140 - 160	100

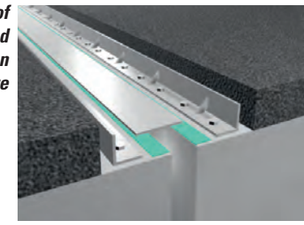
The joint cavity is carefully broken out or recessed in concrete



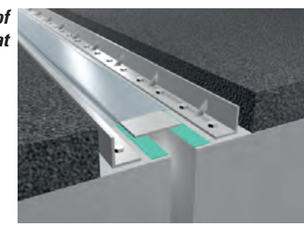
The steel elements of the distribution structure are installed made to measure



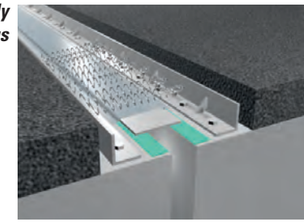
Installation of bearings and transition structure



Laying of separation mat



Assembly of springs



Installation of high-performance polymers

The joint fits seamlessly on to the road surface