

FLEXIBLE PLUG EXPANSION JOINT RESA-JOINT® FLEX



**SHORT
INSTALLATION
TIMES**

**FOR USE IN INFRASTRUCTURE AND
BRIDGE CONSTRUCTION**



RESA-JOINT® FLEX

EXPANSION JOINTS

The true art road construction is revealed when creating road transitions that generate as little noise emissions as possible when rolling over them. The physically induced movements place particularly high-quality demands on the expansion joint design and the structure.

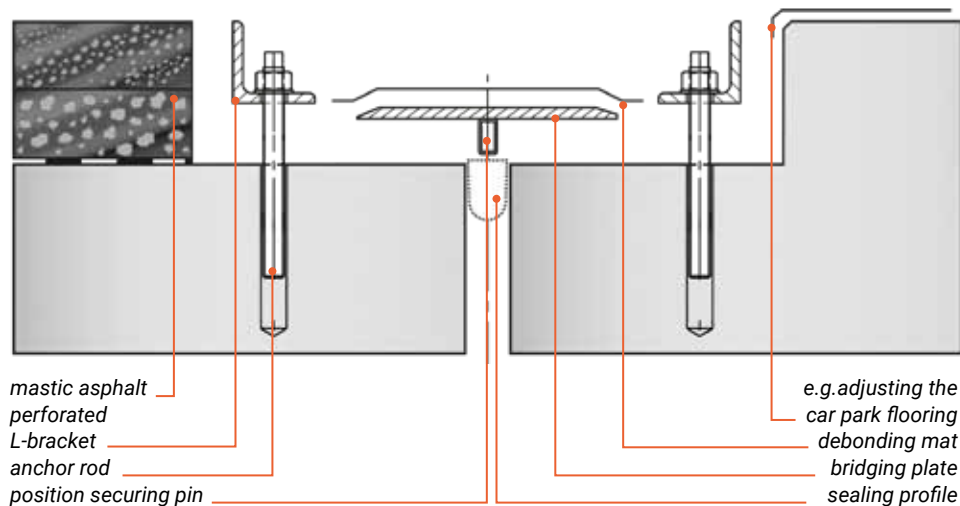
APPLICATIONS

The RESA-JOINT® FLEX system is used with great success for dilatations in infrastructure construction that have to accommodate movements of up to 30 mm at right angles and at an angle to the direction of travel. Also for special solutions, e.g.

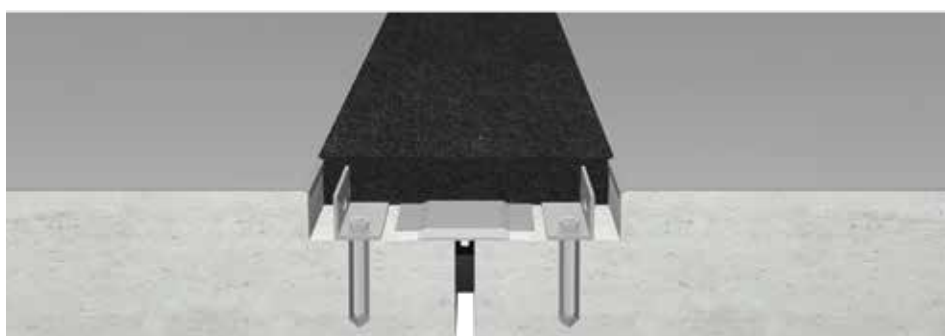
- combined longitudinal and transverse joints, or with
- connections to walls and borders

the jointless system RESA-JOINT® FLEX is the ideal elastic link between dilating building structures.

structure of
the transition
RESA-JOINT® FLEX



RESA-JOINT® FLEX
the standard version
without distribution
construction for
movements up to
30 mm



TECHNOLOGY

The jointless RESA-JOINT® FLEX system made of high-performance polymer (HLP) is characterised by high stability and low restoring forces.

REQUIREMENTS

The RESA-JOINT® FLEX system features a **European Technical Assessment (ETA)**. Installation is carried out by trained staff in clearly defined work steps.

YOUR ADVANTAGES

- jointless system
- low noise emissions
- long service life
- short installation time
- length-independent installation
- installation in stages possible
- cold installation, no dust and smoke development
- no rutting



The joint recess is carefully broken out or recessed in the concrete.



The joint recess is cleaned by sandblasting.



positioning and mounting of the steel brackets



positioning the bridging plate over the dilation gap



laying the debonding mat over the insert plate



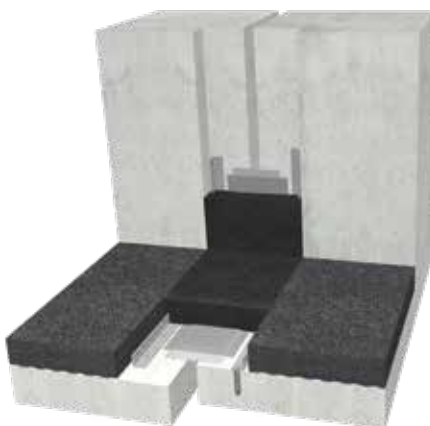
casting the joint recess with high-performance polymer (HLP)



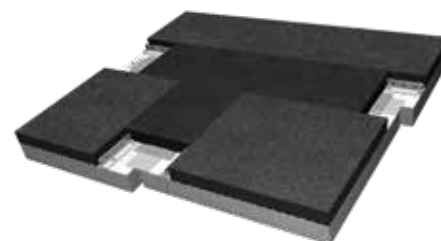
seamless integration to the adjacent surface



can also be used for vertical transitions



RESA-JOINT® FLEX special solutions construction of combined longitudinal and transverse joints



Versions	Installation width	Strength	* Movement capacity
RESA-JOINT® FLEX	150–400 mm	30–70 mm	≤ 30 mm

* calculation according to EUROCODE guidelines

CONVINCING SOLUTIONS FOR IMPROVEMENT OF TRAFFIC AREAS

solution-orientated
competent
flexible



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