

# SikaBond® R&B-100



THE 2-COMPONENT “LIQUID RUBBER” THAT IS EASY TO MIX AND APPLY FOR FAST RECOMMISSIONING OF YOUR CONVEYOR BELT.

## GLOBAL BUT LOCAL PARTNERSHIP



### WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply.  
Please consult the most current local Product Data Sheet prior to any use.

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BUILDING TRUST



## SikaBond® R&B-100 HIGH PERFORMANCE ELASTOMER

For repairing conveyor belts and industrial rubber elements



BUILDING TRUST



# SikaBond® R&B-100

REPAIR OF DEEP OR SHALLOW CUTS AND RIPPED EDGES OF CONVEYOR BELTS AND OTHER APPLICATIONS FOR RUBBER SUBSTRATE PATCHING.



Sika provides a complete conveyor belt repair system, which can reliably fix and repair damage on textile and steel reinforced rubber conveyor belts in order to extend the belt's usable service-life.

## SikaBond® R&B-100 CHARACTERISTICS:

- Easy application even in situations where access is limited
- Free of chlorofluorocarbons (CFC's)
- Rapid curing and fast commissioning at ambient temperature
- Good adhesion to mechanically prepared rubber substrates
- High elasticity and tensile strength
- High chemical and mechanical resistance
- Self-leveling properties
- Application can also be carried out on inclined surfaces
- Safe for handling and use

THE 2-COMPONENT ELASTOMER IS EASY TO MIX AND APPLY AND DEVELOPS OUTSTANDING MECHANICAL PROPERTIES WHEN APPLIED ON CORRECTLY PREPARED SUBSTRATES OF RUBBER AND / OR TEXTILE.



SikaBond® R&B-100 is designed for fast curing and quick commissioning back into service at ambient temperature.

## IDEAL FOR THE REPAIR OF:

- Damaged areas in the rubber belt cover (upper side)
- "Passing holes" through both cover and fabric carcass
- Deep and shallow cuts, plus ripped edges of conveyor belts
- Rubber linings and many other rubber components

## How to use

The material comes with all of the tools required for its application and the packaging allows easy, fast and high volume output for the repairs.



Mark area to be repaired



Remove top covering



Grind the repair area edges (45-deg slope) with a tungsten sander at < 5,000 rpm



Grind away any damaged rubber, without tearing the textile carcass, leaving as much sound rubber as possible



Brush edges with a steel brush



Clean the prepared surface with a soft brush or cold-air blower (use clean air)



Clean and degrease the surface using SikaBond® R&B-100 Cleaner



Apply SikaBond® R&B-100 Primer on to the cleaned surface in a thin film



Add Comp-B into the can containing Comp-A and mix thoroughly for 1 minute



Pour the mixed SikaBond® R&B-100 on to the prepared repair area



If necessary, spread the still liquid product evenly over the area to be repaired (using the spatula provided)



Leave and allow the correct time for the repaired area to cure