

WATERPROOFING Sikadur[®] Combiflex[®] SG

HIGH PERFORMANCE JOINT AND CRACK SEALING SYSTEM

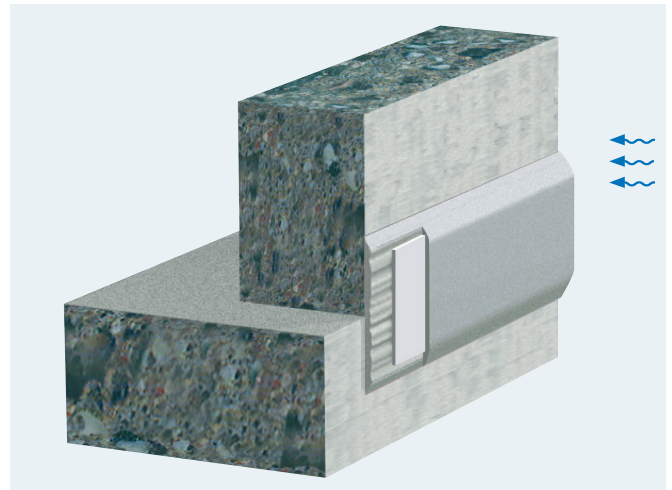
BUILDING TRUST



HIGHLY FLEXIBLE JOINT WATERPROOFING SYSTEM

FUNCTION

Sikadur Combiflex SG is a unique joint sealing system that offers extremely high performance properties and long term durability. The system consists of a very flexible FPO tape that is securely anchored to the adjoining substrate with Sikadur-31 CF Normal high strength epoxy resin adhesive. When installed over a joint it allows considerable movement in more than one direction while maintaining a durable watertight seal.



SYSTEM COMPONENTS

Sikadur-31 CF Normal Epoxy Adhesive

To achieve a watertight durable connection between the Sikadur Combiflex SG and the substrate, a 2-component, epoxy-based adhesive is used:

Sikadur-31 CF Normal

- Extremely easy to apply
- Very smooth surface finish
- Excellent 'bond'



Drill mixing with paddle

Sikadur Combiflex SG Tape

- Outstanding flexibility
- High durability and chemical resistance
- Weldable; no need for prefabricated fittings
- Excellent bond to Sikadur-31 CF Normal

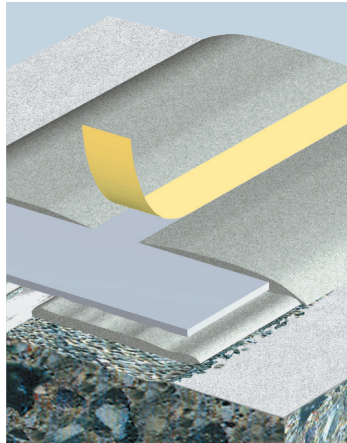


Hot air welding of joint details

APPLICATIONS

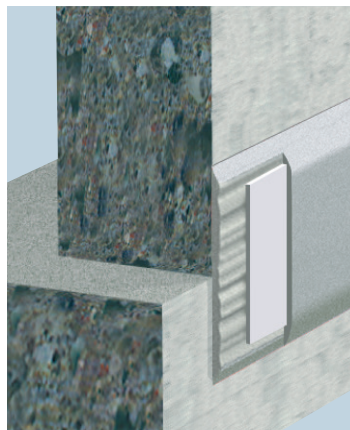
MOVEMENT JOINTS

- Thermal movement
- Settlement
- Dissimilar material connections
- New to existing structures
- Differential movement
- Variable joint width
- Existing failed joints with unremovable sealant (bitumen, etc)
- Failed waterbars



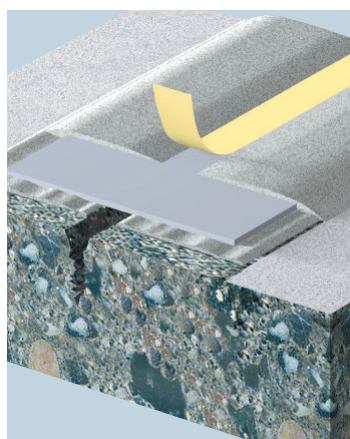
CONSTRUCTION JOINTS

- Floor to wall joints
- Wall to wall joints
- Wall to ceiling joints
- Differential material joints
- Concrete day joints
- Can be applied internally and externally



CRACK SEALING

- Construction settlement cracks
- Shrinkage cracks
- Thermal cracks



TYPICAL USES

POTABLE WATER TANKS

- DVEW Technical standard for contact with potable water
- Long term water resistance
- High joint-movement capability
- New and refurbishment projects
- Sikadur Combiflex SG system has a proven track record



WASTEWATER TREATMENT PLANTS AND RESERVOIRS

- Resistant to raw sewage and chemical attack
- Long term immersion tested
- High joint movement capability
- New and refurbishment projects
- Resistant to ozone, chlorine and UV light
- Easily cleaned
- New and refurbishment projects



BASEMENT WATERPROOFING

- Durable
- Can be applied to dry or damp surfaces
- Can be applied internally and externally



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



SIKA (NZ) LTD
PO BOX 19192
Avondale · Auckland
1746 · New Zealand

Contact
Phone 0800 745 269
Fax 0800 745 232
www.sika.co.nz

BUILDING TRUST

