WATERPROOFING
Sikadur® Combiflex® SG
HIGH PERFORMANCE JOINT AND CRACK SEALING SYSTEM
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’

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

Drill mixing with paddle

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.