STANDARD CAD DETAILS
SIKADUR COMBIFLEX SG

SIKA NZ | VER. /1125-01

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

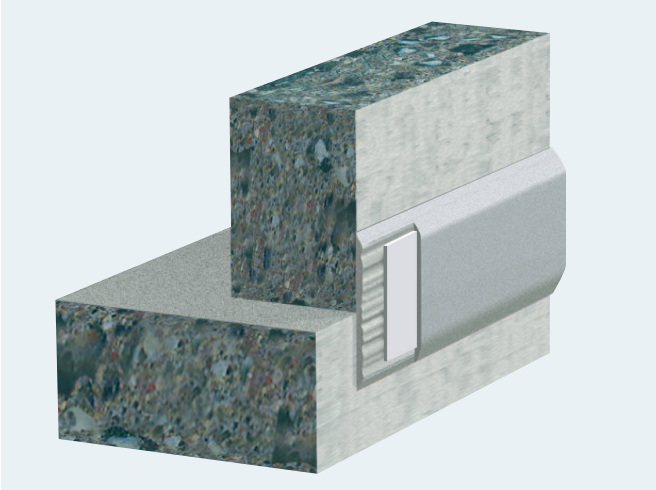
Sikadur-31 CF Normal Epoxy Adhesive

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'

SIKADUR COMBIFLEX SG TAPE

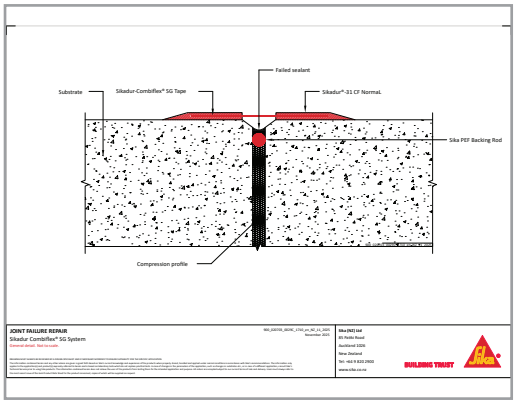
- Outstanding flexibility
- High durability and chemical resistance
- Weldable; no need for prefabricated fittings
- Excellent bond to Sikadur-31 CF Normal



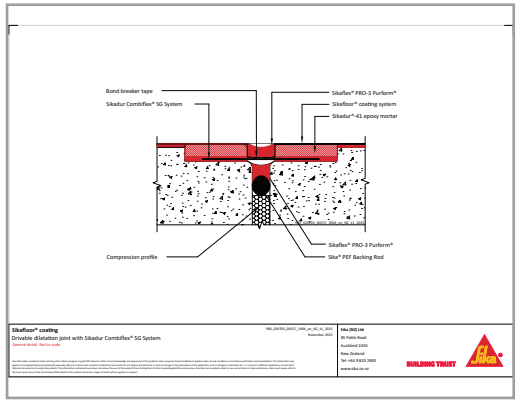
Drill mixing with paddle

Hot air welding of joint details

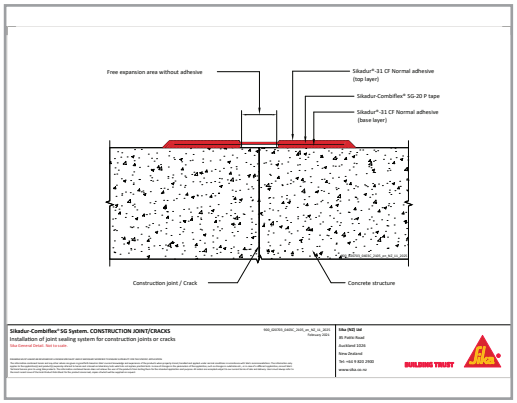
<--
SCAN QR CODE
FOR FULL PRODUCT INFORMATION



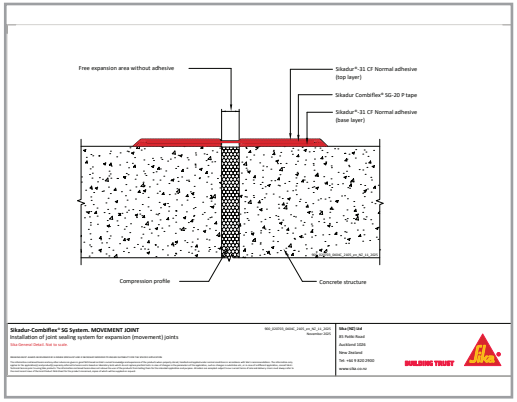
0029C | Joint failure repair



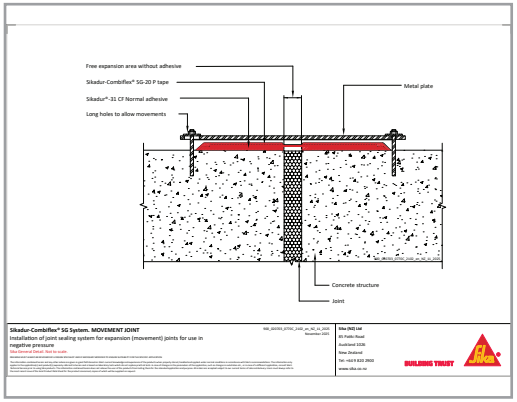
0057C | Drivable dilatation joint



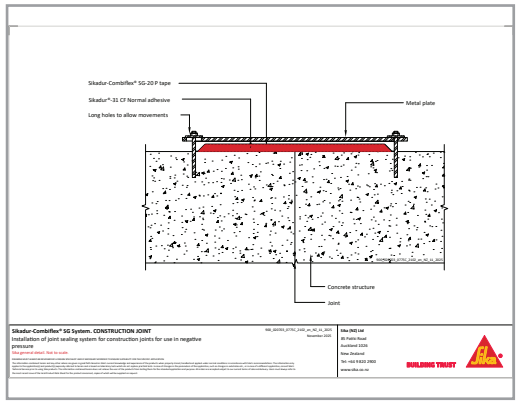
0403C | Constuction joint



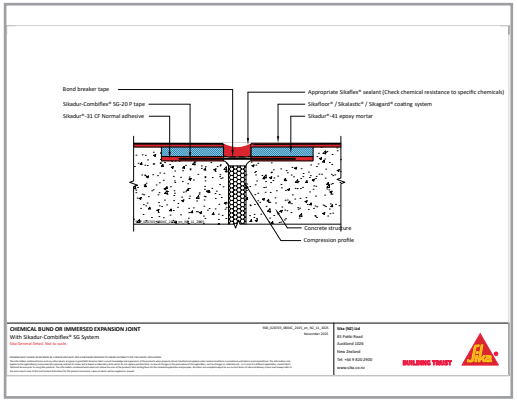
0404C | Movement joint



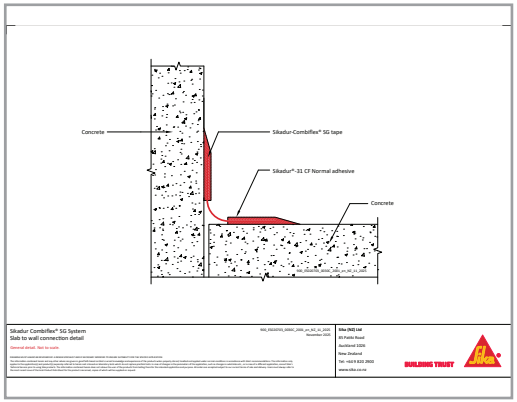
0770C |Movement joint - negative pressure



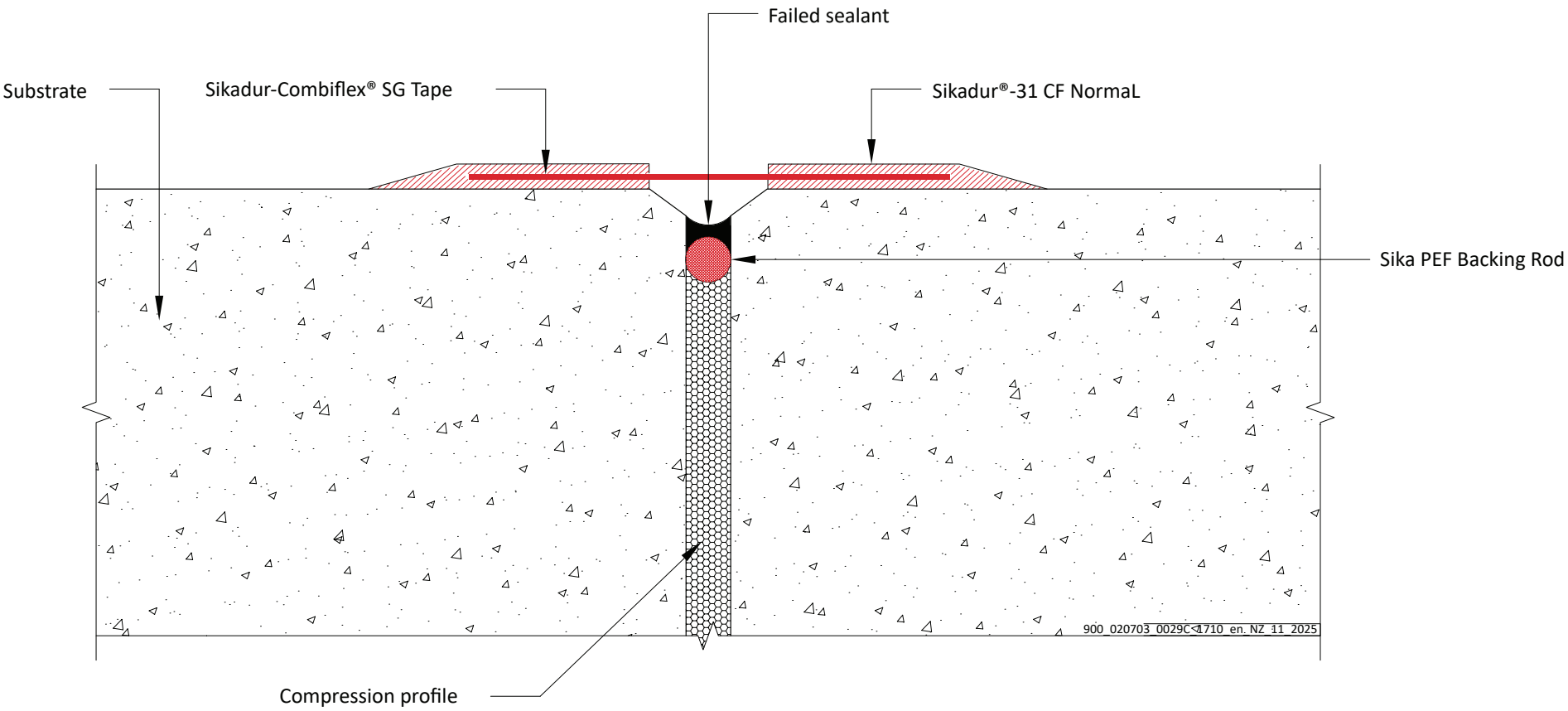
0775C | Construction joint - negative pressure



0804C | Chemical or immersed joint



0030C | Slab to wall joint



JOINT FAILURE REPAIR

Sikadur Combiflex® SG System

General detail. Not to scale.

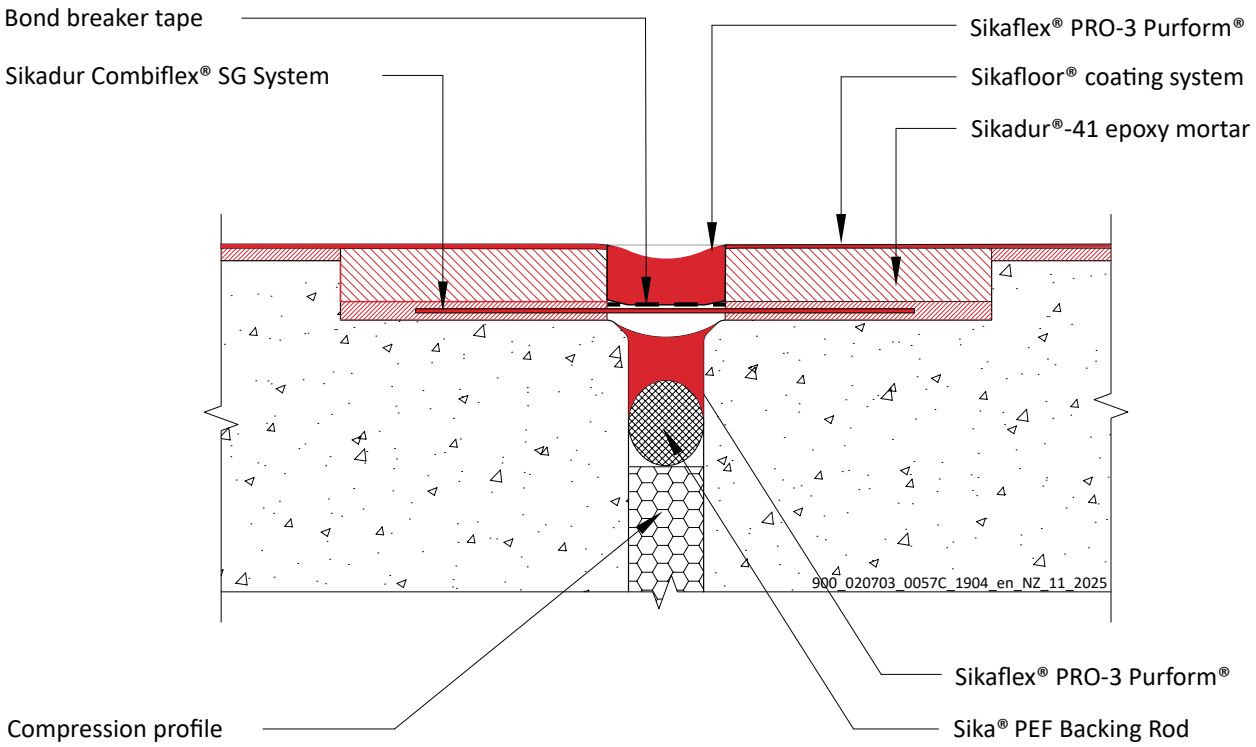
900_020703_0029C_1710_en_NZ_11_2025
November 2025

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



Sikafloor® coating

Drivable dilatation joint with Sikadur Combiflex® SG System

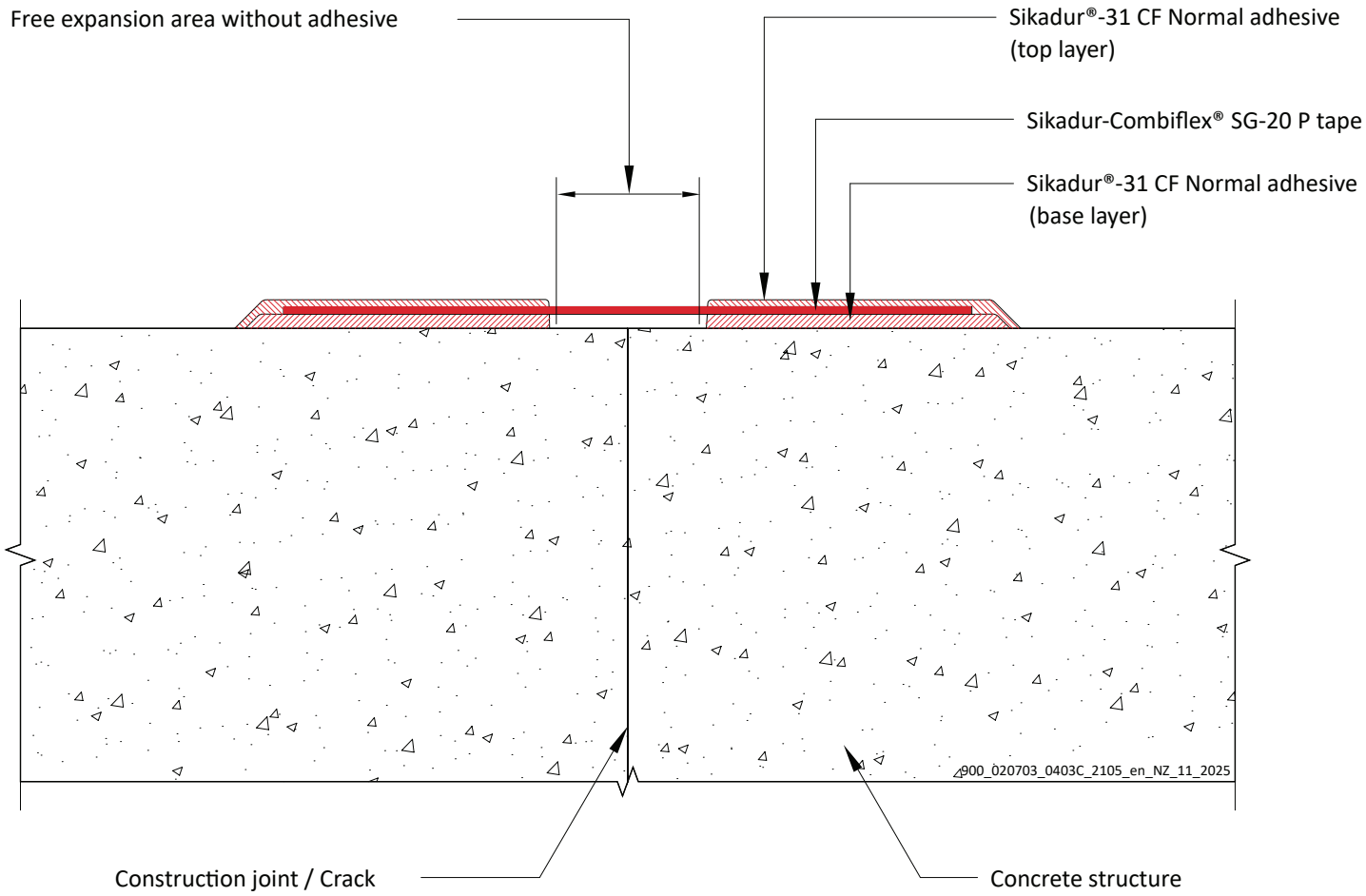
General detail. Not to scale.

900_020703_0057C_1904_en_NZ_11_2025
November 2025

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



Sikadur-Combiflex® SG System. CONSTRUCTION JOINT/CRACKS

Installation of joint sealing system for construction joints or cracks

Sika General Detail. Not to scale.

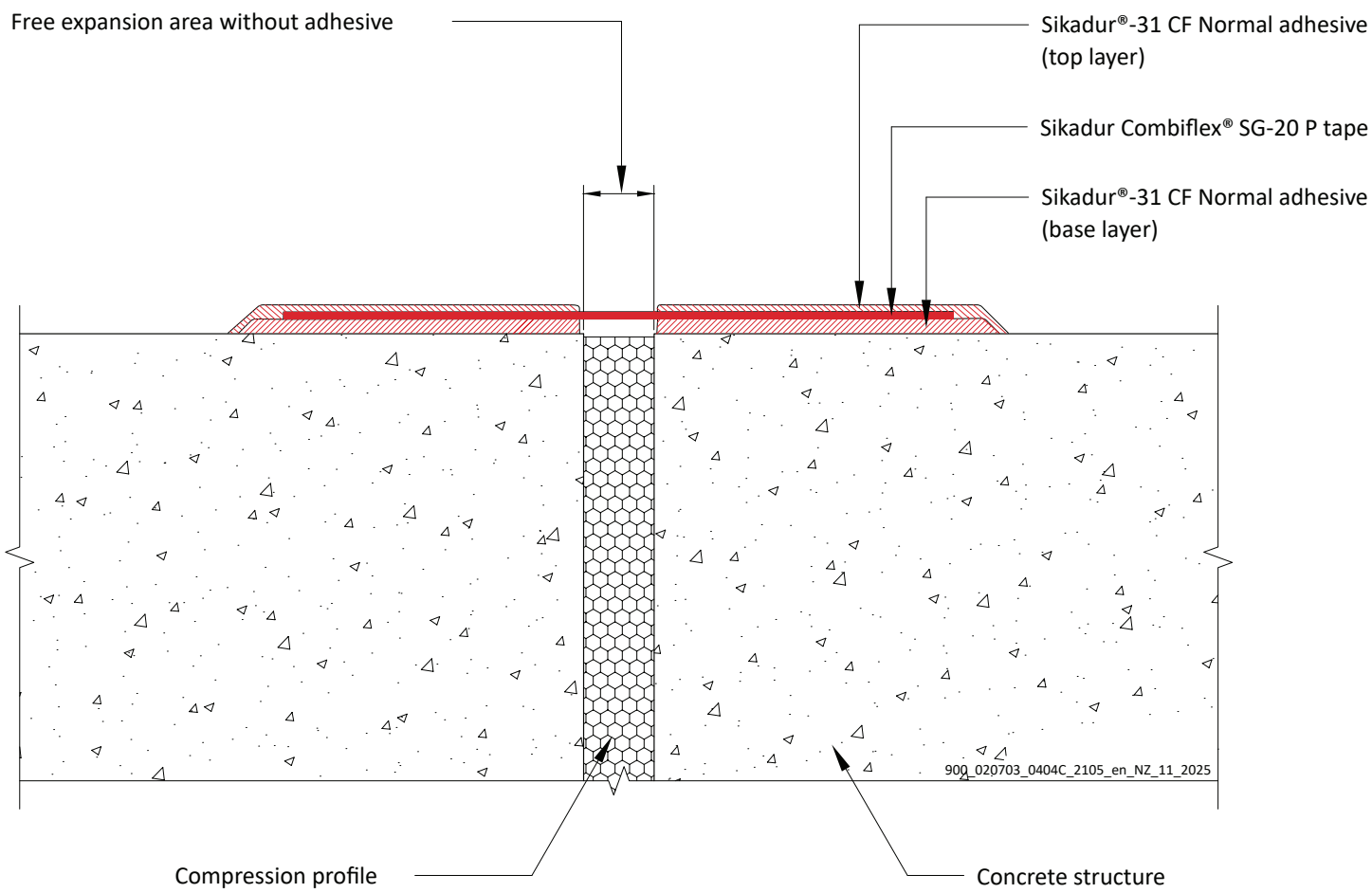
900_020703_0403C_2105_en_NZ_11_2025
February 2021

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST



Sikadur-Combiflex® SG System. MOVEMENT JOINT

Installation of joint sealing system for expansion (movement) joints

Sika General Detail. Not to scale.

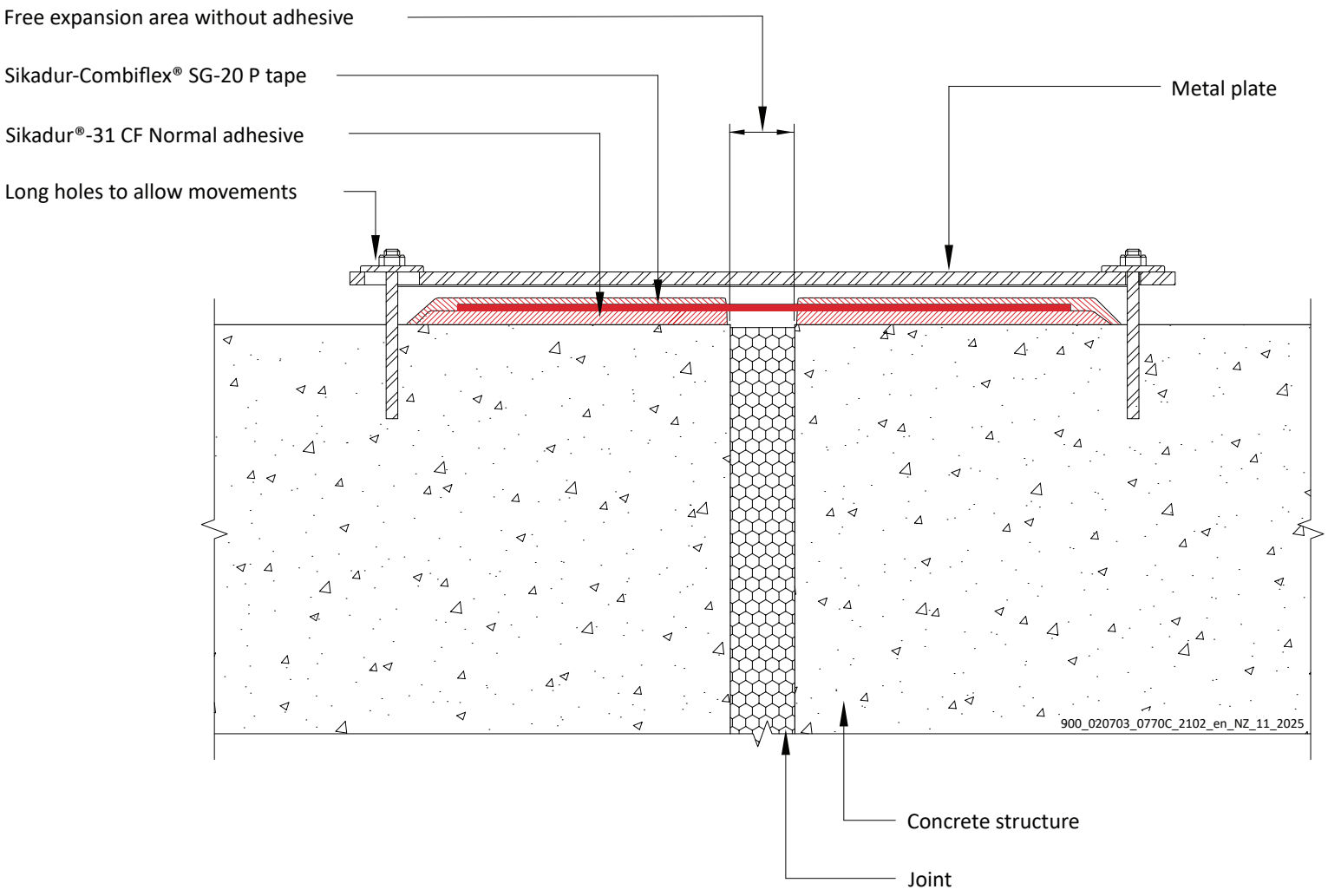
900_020703_0404C_2105_en_NZ_11_2025
November 2025

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



Sikadur-Combiflex® SG System. MOVEMENT JOINT

Installation of joint sealing system for expansion (movement) joints for use in negative pressure

Sika General Detail. Not to scale.

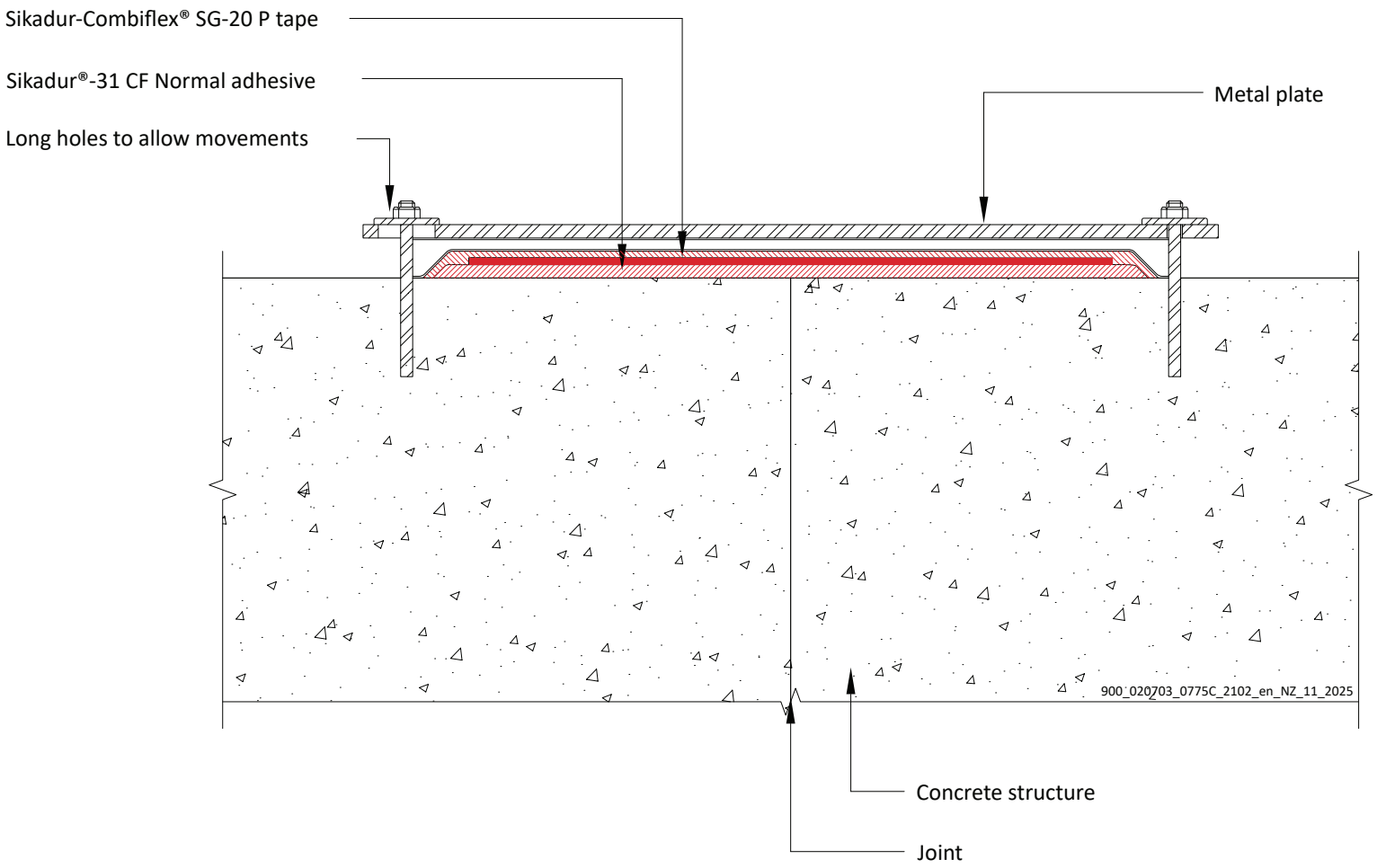
900_020703_0770C_2102_en_NZ_11_2025
November 2025

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



Sikadur-Combiflex® SG System. CONSTRUCTION JOINT

Installation of joint sealing system for construction joints for use in negative pressure

Sika general detail. Not to scale.

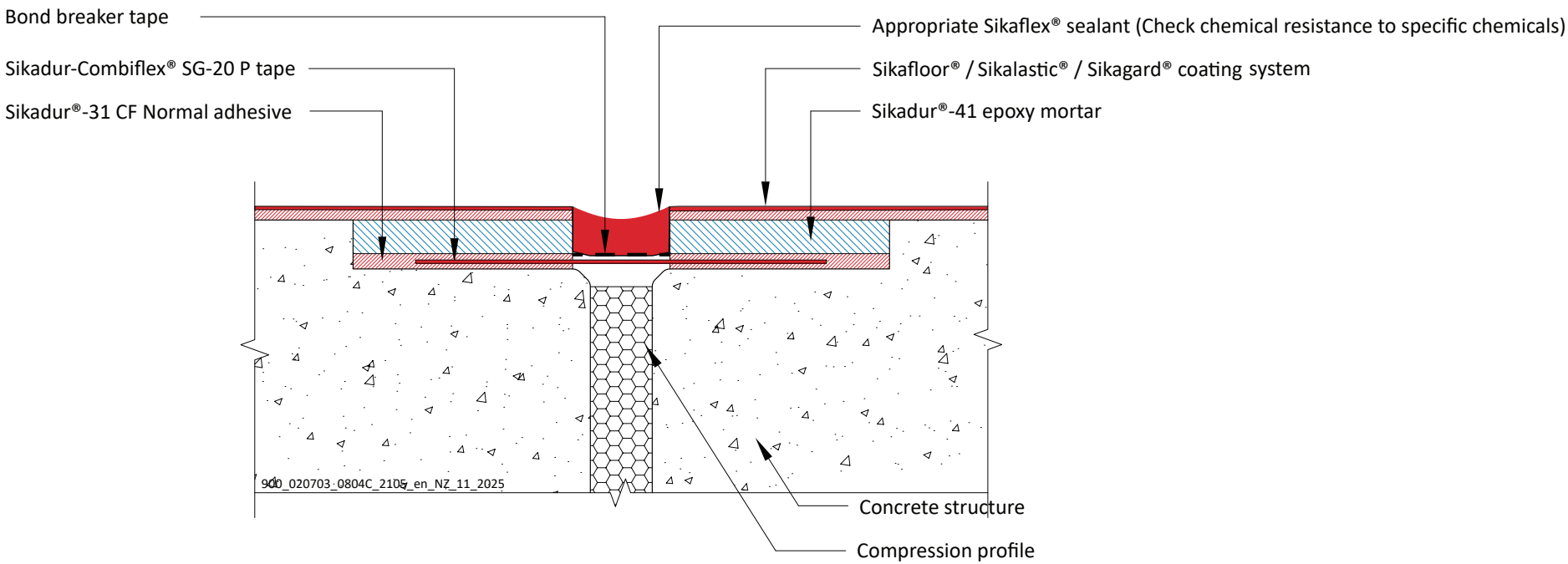
900_020703_0775C_2102_en_NZ_11_2025
November 2025

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST



CHEMICAL BUND OR IMMERSED EXPANSION JOINT

With Sikadur-Combiflex® SG System

Sika General Detail. Not to scale.

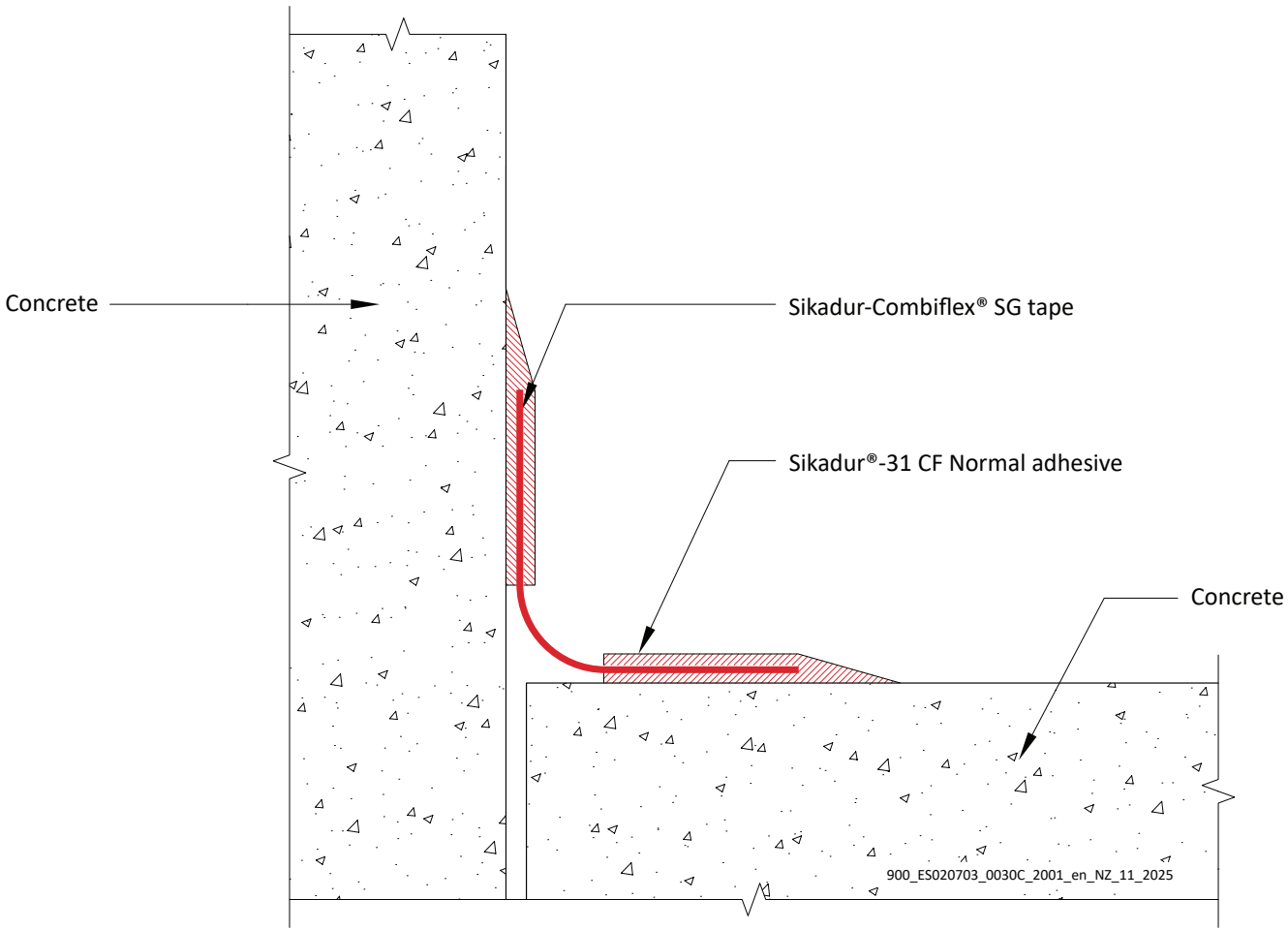
900_020703_0804C_2105_en_NZ_11_2025
November 2025

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST



Sikadur Combiflex® SG System
Slab to wall connection detail

900_ES020703_0030C_2001_en_NZ_11_2025
November 2025

General detail. Not to scale.

DRAWING MUST ALWAYS BE REVIEWED BY A DESIGN SPECIALIST AND IF NECESSARY MODIFIED TO ENSURE SUITABILITY FOR THE SPECIFIC APPLICATION

The information contained herein and any other advice are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Sika's Technical Service prior to using Sika products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

Sika (NZ) Ltd
85 Patiki Road
Auckland 1026
New Zealand
Tel: +64 9 820 2900
www.sika.co.nz

BUILDING TRUST

FOR MORE Sika® INFORMATION:

WHO WE ARE

Sika AG, Switzerland, is a globally active specialty chemicals company. Sika supplies the building and construction industry as well as manufacturing industries (automotive, bus, truck, rail, solar and wind power plants, façades). Sika is a leader in processing materials used in sealing, bonding, damping, reinforcing and protecting loadbearing structures. Sika's product lines feature high quality concrete admixtures, specialty mortars, sealants and adhesives, damping and reinforcing materials, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

© Sika (NZ) Ltd | Sikadur Combiflex SG CAD Details | Version: /1125-01

BUILDING TRUST