



# **ALLCO WATERPROOFING SOLUTIONS**



# TODAY'S PRESENTATION AT A GLANCE



- **TOPIC:** ALLCO VOLCLAY TANKING RANGE
- **BENTONITE:** WHAT IT IS & HOW IT WORKS
- **OUR TANKING MEMBRANES:** VOLCLAY VOLTEX & VOLCLAY SWELLTITE
- **VOLTEX :** FEATURES AND BENEFITS
- **SWELLTITE :** FEATURES AND BENEFITS
- **KEY PROJECTS:** AND WHAT IT MEANS TO YOU
- **TANKING ACCESSORIES:** QUICK OVERVIEW
- **ALLCO SUPPORT:** DETAIL REVIEW & TA TEAM
- **KEY POINTS/SUMMARY**



# TANKING







# BENTONITE & HOW IT WORKS

- THE MAIN COMPONENT OF OUR TANKING MEMBRANES
- NATUTALLY OCCURING MATERIAL
- ABSORBS 10-15 TIMES ITS DRY VOLUME OF WATER
- SELF SEALS AND SELF HEALS WHEN CONFINED

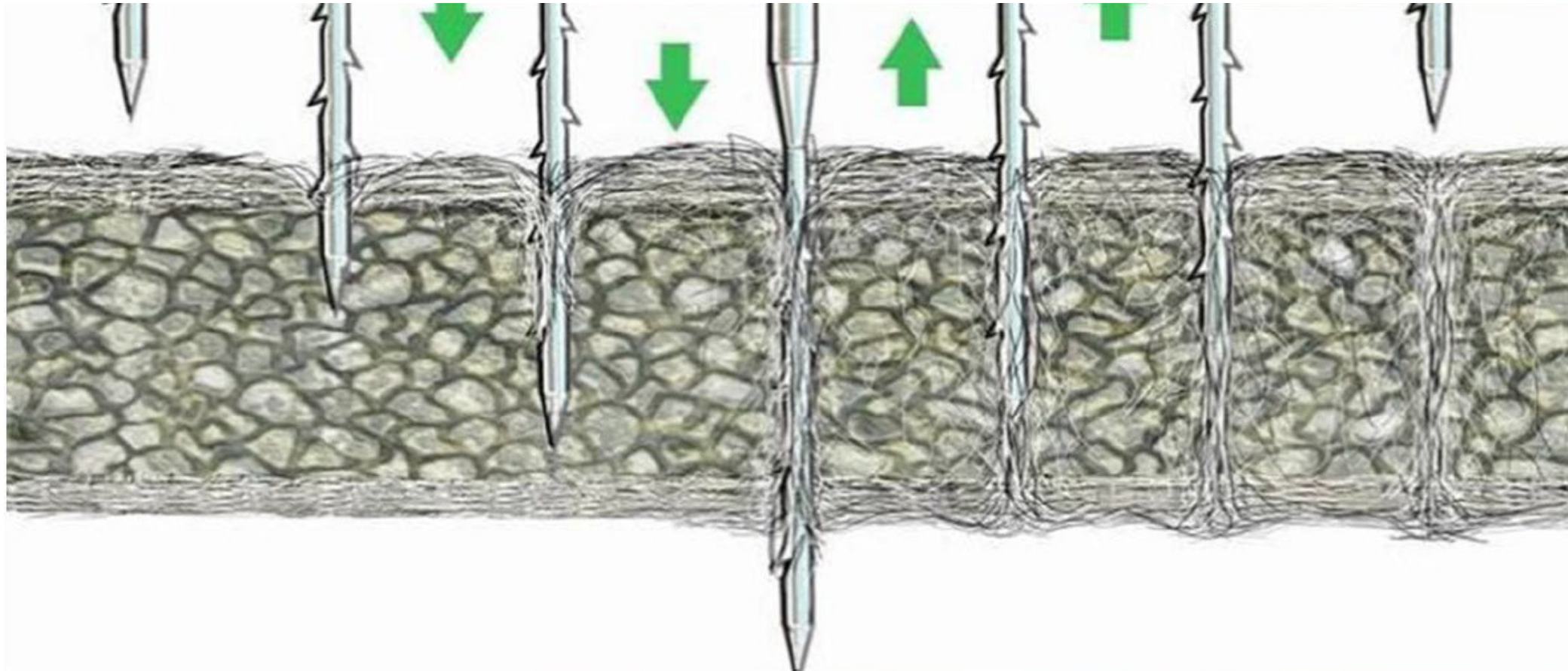




# BENTONITE & HOW IT WORKS

GEOTEXTILE STITCHED WITH BENTONITE IN BETWEEN

ROBUST / RELIABLE / COST EFFECT







# VOLCLAY RANGE - BELOW GROUND WATERPROOFING







# VOLTEX – WHERE CAN IT BE INSTALLED?







# VOLTEX – WHERE CAN IT BE INSTALLED?







# VOLTEX – KEY BENEFITS



NO PRIMER / NO CURING TIME



WITHSTAND THE ELEMENTS  
LONG AFTER INSTALL



CAN BE APPLIED IN VIRTUALLY ANY WEATHER



COPES WITH PONDED WATER





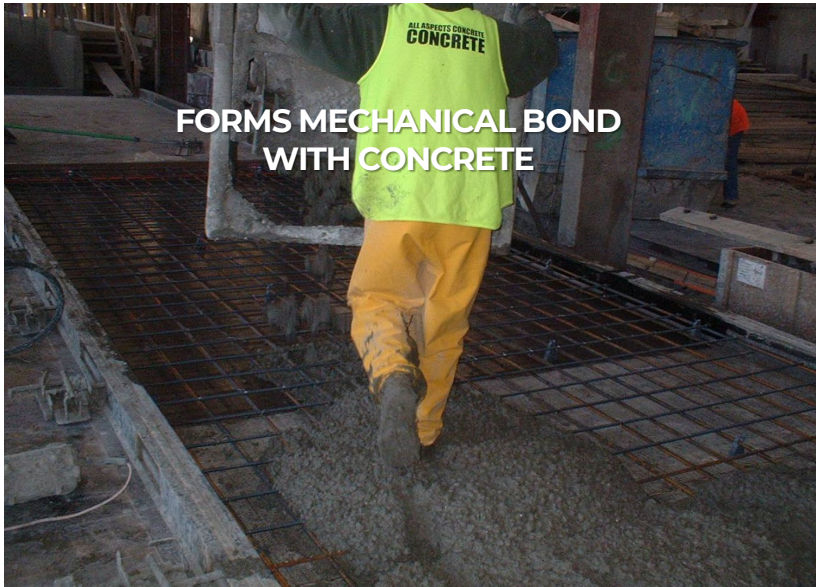
# VOLTEX – KEY BENEFITS



FAST & EASY INSTALLATION



APPROVED FOR SALTWATER (SWR)  
AND CONTAMINATED SITES



FORMS MECHANICAL BOND  
WITH CONCRETE



STOPS WATER TRACKING







# SWELLTITE - WHERE CAN IT BE INSTALLED?





# SWELLTITE - WHERE CAN IT BE INSTALLED?





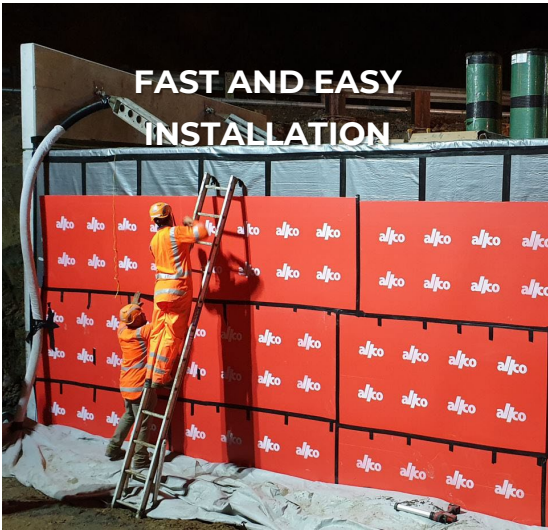
# SWELLTITE - WHERE CAN IT BE INSTALLED?







# SWELLTITE - BENEFITS







# SWELLTITE - BENEFITS







# PROTECTION & ACCESSORIES



## WATERSTOP RX

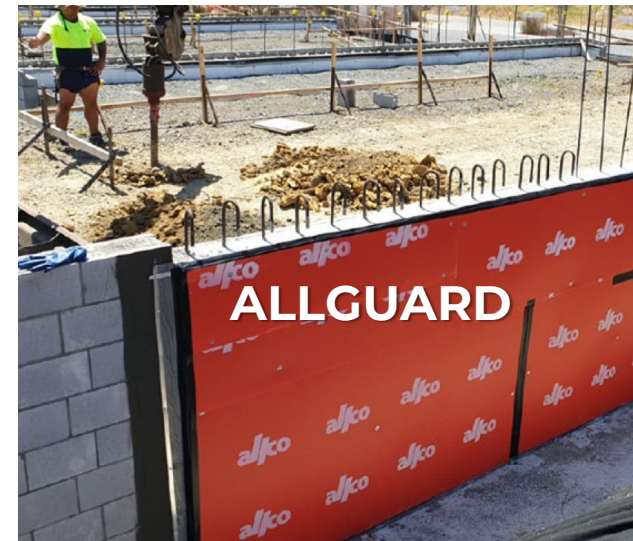
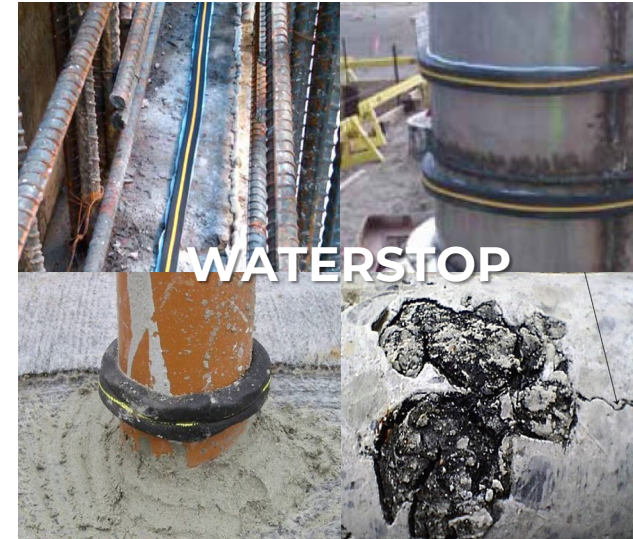
Concrete construction that provides a permanent seal

## ALLGUARD PROTECTION BOARD

Red 4mm Coreflute Board

## AQUADRAIN 15X

Black geotextile layered corecell drainage sheet







# PROTECTION & ACCESSORIES



## CETCOAT

Liquid cementitious membrane

## CETSEAL

Multi-purpose sealant/adhesive polymer

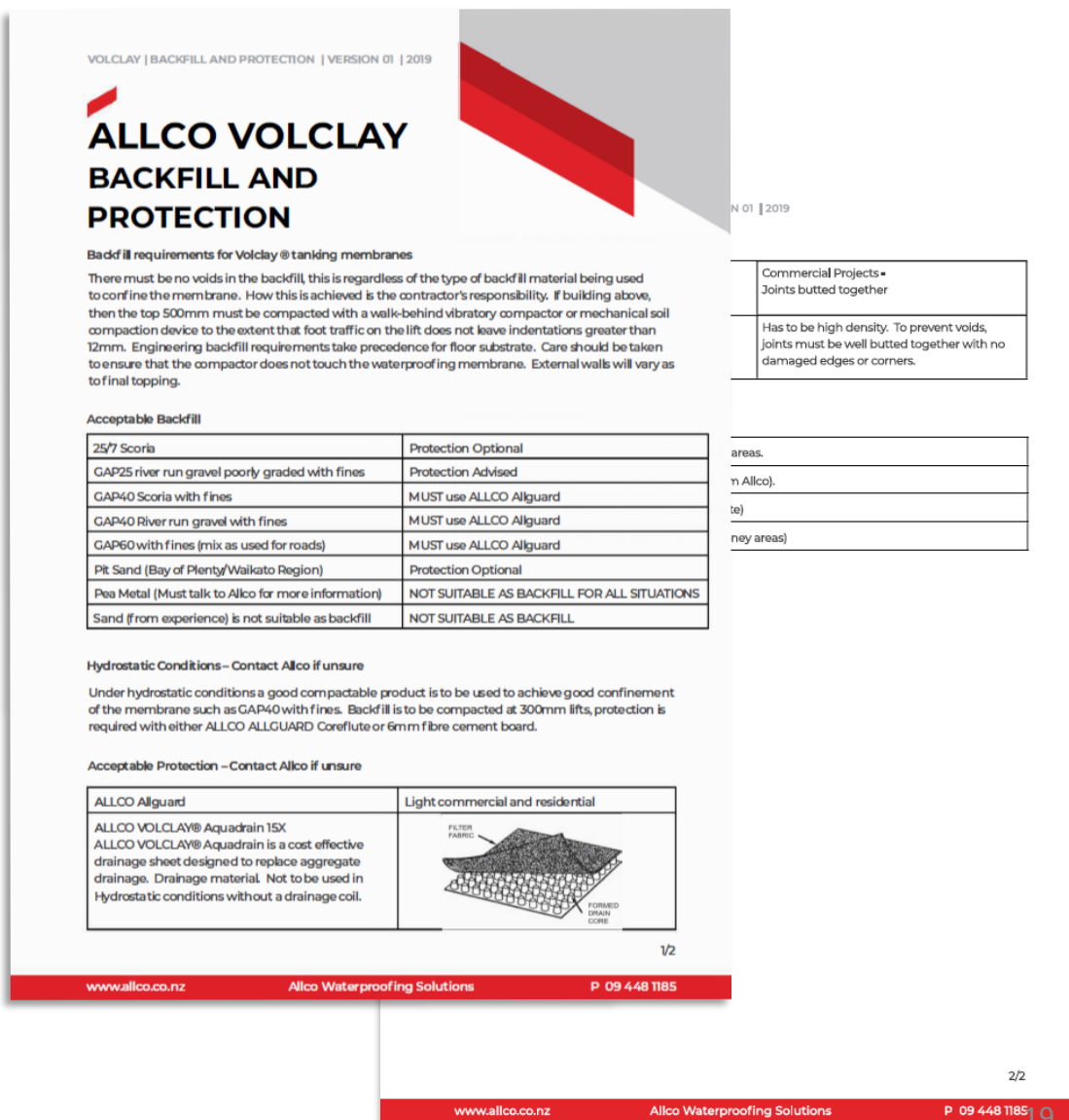
## SEAM TAPE

Used for sealing the overlap seams of Volclay & Swelltite





**OUR 'VOLCLAY BACKFILL & PROTECTION' IS  
AVAILABLE ON ALLCO'S WEBSITE**





AUCKLAND MUSEUM, BASEMENT, AUCKLAND



VODAFONE BUILDING, BASEMENT, AUCKLAND





# VOLCLAY PROJECTS





**MICHAEL HILL, THE HILLS, EARTH COVERED CLUBHOUSE, ARROWTOWN**



**ASHBURTON PERFORMING ARTS, BASEMENT, ASHBURTON**





## PLUS MANY, MANY MORE

**SOHO APARTMENTS** - POOL & TRANSFORMER PIT, WELLINGTON

**PIPITEA PLAZA** - DUAL LIFT PITS, WELLINGTON

**SCHAFFERS DOCK SUPERMARKET** - WELLINGTON

**THE EMBASSY THEATRE** - BASEMENT, WELLINGTON

**PAK N SAVE LOWER HUTT** - BASEMENT CARPARK, WELLINGTON

**IBIS HOTEL** - BASEMENT CARPARK, CHRISTCHURCH

**AVON APARTMENTS** - BASEMENT CARPARK, CHRISTCHURCH

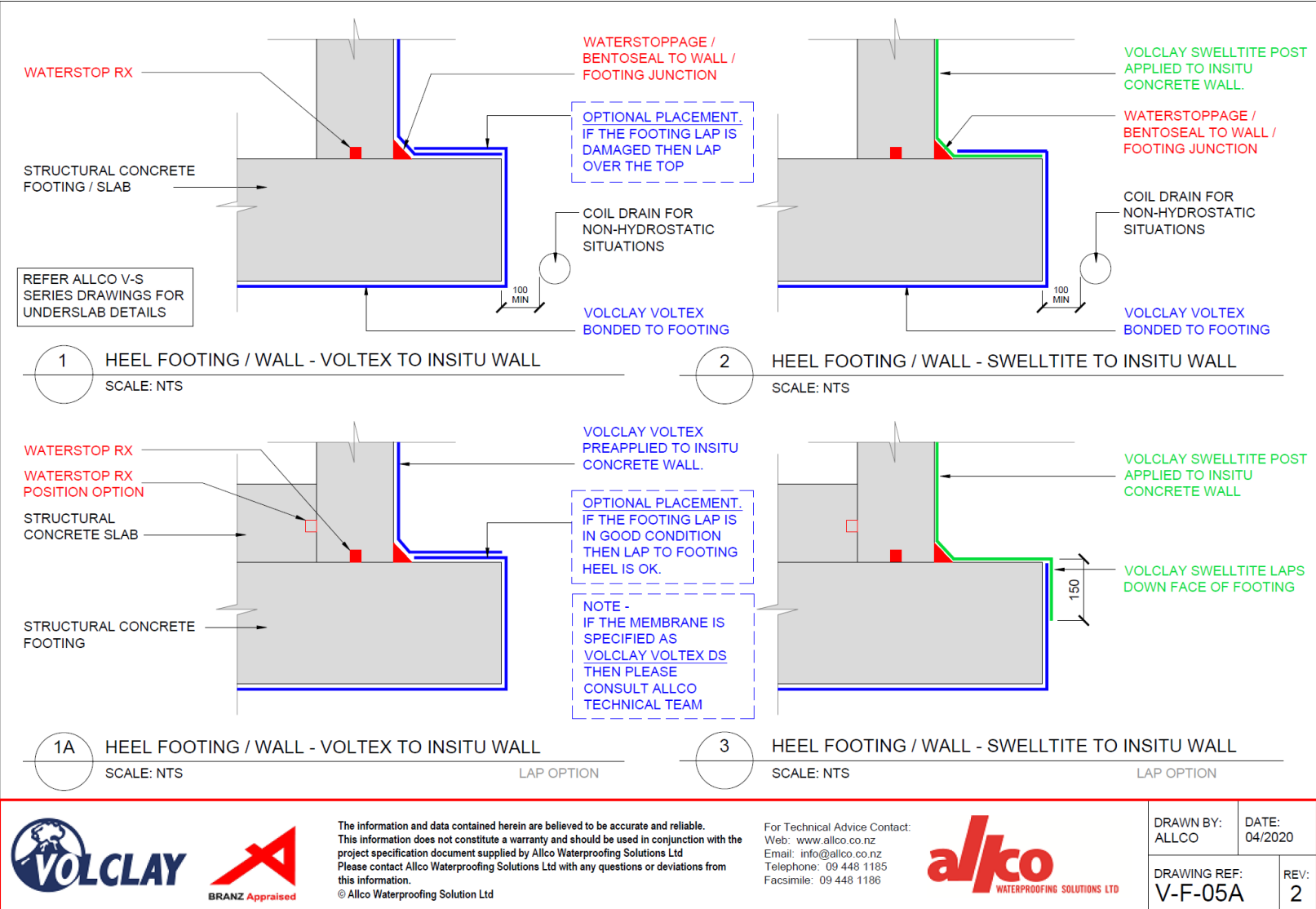
**UNIVERSITY OF CANTERBURY** - BIO SCIENCES BUILDING, BASEMENT

**THEATRE ROYAL RE-DEVELOPEMENT** - BASEMENT, NELSON

**BONE MARROW TRUST** - BASEMENT CARPARK, CHRISTCHURCH



# ALLCO CAD DETAIL / REVIEW SUPPORT



The information and data contained herein are believed to be accurate and reliable. This information does not constitute a warranty and should be used in conjunction with the project specification document supplied by Allco Waterproofing Solutions Ltd. Please contact Allco Waterproofing Solutions Ltd with any questions or deviations from this information.  
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Facsimile: 09 448 1186



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DRAWING REF: V-F-05A	REV: 2





# ALLCO ON-SITE SUPPORT



## TA TEAM

Pre Install Meetings & on site technical assistance

## CONQA

Quality assurance software to build peace of mind

## COUNCIL SUPPORT

Exclusive council area on Allco' website with technical information



Date: \_\_\_\_\_ Consent #:

Product installed:

☐ Swelltite

☐ Voltex

☐ CETCOAT

☐ M2000

☐ CETSEAL

☐ Protection

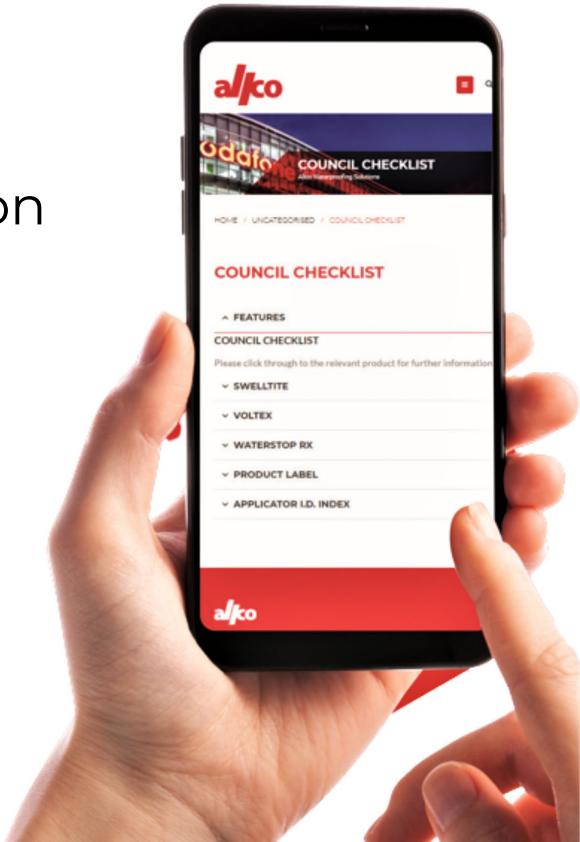
☐ RX Waterstop

Applicator company:

Contact #:

ID#:

Site address:

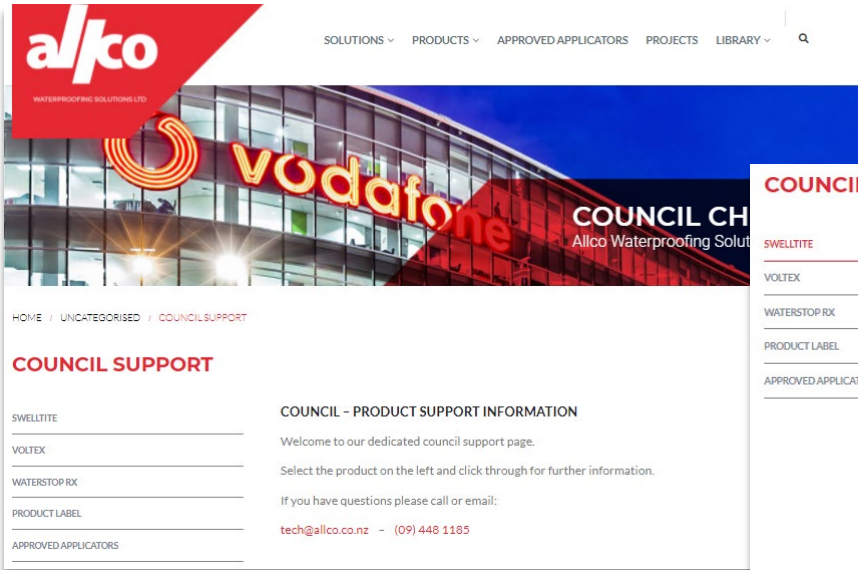
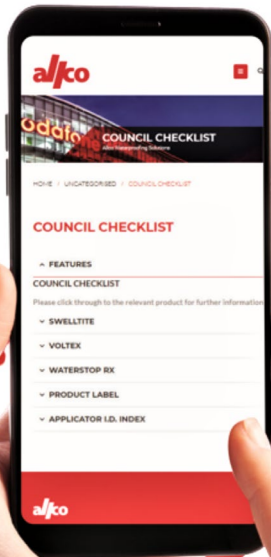




# COUNCIL SUPPORT PAGE



SCAN NOW



## COUNCIL SUPPORT

SWELLTITE

VOLTEX

WATERSTOP RX

PRODUCT LABEL

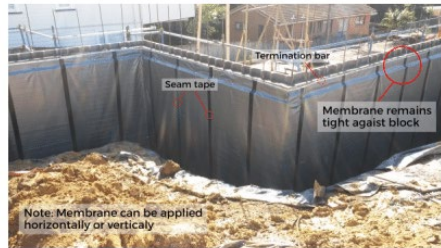
APPROVED APPLICATORS

## SWELLTITE

- Swelltite is applied to concrete or blockwork only
- Swelltite vertical laps are taped
- Horizontal lap is fixed closed tightly (nailed or taped)
- Drain coil is kept a minimum 50-100mm off the membrane
- Acceptable types of protection include: Allico Allguard, 3mm Corflute, Aquadrain, HD Polysty

If Swelltite is terminated:

- Is the horizontal/vertical termination bar fixed in position keeping a tight seal at the top
- If on an external wall, is Cetcoat applied showing 200mm min above termination bar
- Is sealant applied across the top of the termination bar to deflect water
- Are all penetrations detailed where passing through the membrane



## COUNCIL SUPPORT

SWELLTITE

VOLTEX

WATERSTOP RX

PRODUCT LABEL

APPROVED APPLICATORS

## ALLCO APPROVED APPLICATORS

### COMPANY

Absolute Waterproofing Solutions Ltd
Access NZ 2005 Ltd T/A Gunac Waterproofing
Accurate Waterproofing Ltd
Adhesion Sealing 2007 Ltd
Arid Technologies
Auckland Integrity Waterproofing Ltd
Auckland Waterproofing Services Ltd
Awake Systems Ltd
AW/L Limited
Axford Roofing Limited
B.M. Scott Ltd
Barrier Waterproofing Ltd
Bay Protective Coatings Ltd
Beaver Roofing
Blue Whale Construction Ltd
Cantec Services Hamilton Ltd
CCR Waterproofing Ltd
CGC Construction Limited

Auckland	Y	Y
Levin	Y	Y
Auckland	Y	Y
Tauranga	Y	
Whangamata	Y	Y
Auckland	Y	
Hamilton	Y	Y
Auckland	Y	Y
Auckland	Y	Y



# APPROVED APPLICATORS



- FULL NETWORK OF APPLICATORS ON NORTH & SOUTH ISLAND
- TRAINED AND LICENCED BY ALLCO
- HIGH STANDARD INSTALLATION AND QA COMPLIANCE
- PEACE OF MIND YOU EXPECT

ONE SUPPLIER

ONE APPLICATOR

ONE WARRANTY





# ALLCO'S FULL RANGE

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COMPREHENSIVE RANGE  
FOR BELOW & ABOVE GROUND



ADVANCED  
TECHNOLOGY  
TANKING  
MEMBRANE



APP AND APAO  
TORCH ON  
MEMBRANE



RUBBERISED  
ASPHALT  
MONOLITIC  
MEMBRANE



SINGLE PLY  
WIDE FORMAT  
TPO MEMBRANE





# CONCLUSION



**THANK YOU!**