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**2016/17**

# Superior Chemical Anchoring Solutions



**NEW  
PRODUCT**



**NOW  
AVAILABLE  
BREMIFIX  
SEISMIC EPOXY**



**BREM***FIX*

Our products helped  
build Sydney's  
***ANZAC Bridge***









# BREM-FIX SEISMIC EPOXY

**NEW PRODUCT**

## BremFix Seismic Epoxy

### Product Description

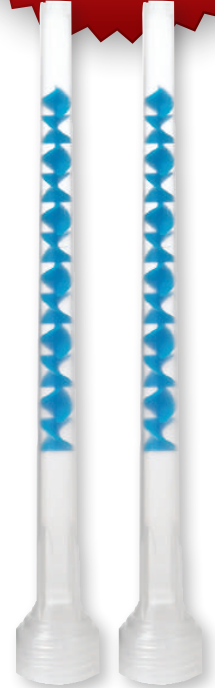
BremFix Seismic Epoxy is a two-part chemical anchoring resin designed to anchor threaded rod and rebar in concrete. BremFix Seismic Epoxy has the advantage of three European Technical Approvals for post-installed rebar, cracked and non-cracked concrete, diamond drilled holes and C2 Seismic Performance. It is WRAS approved for use in potable water, holds fire approval and has been tested to BS6920.

Concrete	Stone	Marble	Rebar	Wet	Diamond Drilled
					
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓

### Key Features

- Ideal for rebar usage with large diameters and embedment
- Ideal for use with diamond drilled holes
- Used in wet holes and underwater
- Solvent free odourless resin, no shrinkage
- Longer working times

**Part Number: ACIPCSE5852**



**Re rebar**

**Hi load**

### Typical Gel and Curing Time\*

BASE MATERIAL TEMPERATURE	40	35	25	15	5
TYPICAL GEL TIME (MINS)	10	16	25	60	120
MIN. LOAD TIME (mins)	150	240	482	1200	3000

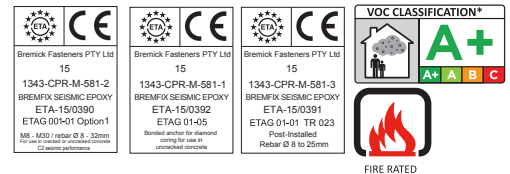
### Main Application Types

- Large diameter & deep embedment fixings.
- Rebar fixing.
- Diamond drilled holes.
- High loading.
- Areas of chemical exposure.
- Dynamic loads.
- Wet and underwater.
- Slower curing.
- Seismic Environments

### Available Sizes

Side by Side Cartridge - 585ml

### Approvals



Suitable for :



Water Regulations Advisory Scheme BS6920 approval

Tested by Imperial College London Consultants





ULTRA PERFORMANCE

# BREM-FIX EPOXY

## BremFix Epoxy

### Product Description

BremFix Epoxy resin is a high performance, two component epoxy resin system. Extruded with a static mixer this resin will produce a high performance, strong fixing with exceptionally high chemical resistance.



### Key Features

- Used in wet holes or underwater.
- Ideal for deep embedment.
- Longer working times, ideal for use with rebar.
- Highest durability.
- No shrinkage.

Part Number: ACIPCER6002

### Typical Gel and Curing Time\*

SUBSTRATE TEMPERATURE (°C)	35	25	15	5	-5
TYPICAL GEL TIME (mins)	20	40	60	180	-
MIN. LOAD TIME (mins)	180	240	300	960	-

\*Minimum temp of substrate 5°

### Main Application Types

- Large diameter & deep embedment fixings.
- Rebar fixing.
- Diamond drilled holes.
- High loading.
- Areas of chemical exposure.
- Dynamic loads.
- Wet and underwater.
- Slower curing.

### Available Sizes

Side by Side Cartridge - 600ml  
Custom order - 1100ml



Re  
rebar

Hi  
load

### Approvals



INSTYTUT TECHNIKI BUDOWLANEJ

Aprobacie Technicznej ITB

Suitable for :



Water Regulations  
Advisory Scheme  
BS6920 approval

Tested by  
Imperial College  
London  
Consultants



ULTRA PERFORMANCE

# BREMIFIX

VINYL STY FREE

## Vinyl Sty Free

### Product Description

BremFix Vinyl Sty Free low odour resin is a high performance, rapid curing two part chemical anchoring system based on a high reactivity Vinylester. When extruded through a static mixer this resin will produce a strong, chemical resistant fixing, with no shrinkage.



### Key Features

- Safety & critical loads.
- Suited for overhead & underwater applications.
- European Technical Approval (Option 7).
- High chemical resistance.
- 50 years working life of the fixing.

Part Number: ACIPCVR4102

### Typical Gel and Curing Time\*

SUBSTRATE TEMPERATURE (°C)	35	25	15	5	-5	-10*
TYPICAL GEL TIME (mins)	3	6	7	20	50	60
MIN. LOAD TIME (mins)	20	20	20	30	90	180

### Main Application Types

- Bridges, tunnels.
- Overhead fixings.
- Safety critical applications.
- High loading.
- Dynamic loads
- Wet and underwater fixings.
- Rebar fixing.
- Marine (sea water).
- Large diameter studs.

### Available Sizes

Co-axial Cartridge- 410ml



Re  
rebar

Hi  
load

### Approvals



CE Approval



ETA Approval 12/0024  
ETAG 001-05 & TR029  
For Studs & Rebars

Approved  
for Stud & Rebar



Tested by  
Imperial College  
London  
Consultants



## Poly Sty Free

### Product Description

BremFix Polyester styrene free low odour resin is a high performance, rapid curing two part chemical anchoring system based on polyester. Extruded through a static mixer this resin will produce a cost effective, strong, chemical resistant fixing.



### Key Features

- Ideal for use indoors (low odour).
- Economical fixing resin.
- Medium duty load applications.
- Non flammable and non-hazardous.
- Used in concrete, hollow wall, brickwork and masonry.

Part Number: ACIP CPR4102

### Typical Gel and Curing Time\*

SUBSTRATE TEMPERATURE (°C)	35	25	15	5	-5	-10*
TYPICAL GEL TIME (mins)	3	8	13	21	50	60
MIN. LOAD TIME (mins)	20	20	20	30	90	180

### Main Application Types

- Hollow wall with perforated sleeve or internal threaded sockets.
- Masonry & aerated concrete.
- Close to the edge fixings.
- Medium load applications.
- Outdoor or indoor fixings.

### Available Sizes

Co-axial Cartridge- 400ml

Suitable for use with Bremick perforated nylon sleeves and metal perforated sleeve.



**Ma**  
masonry

**Md**  
load

### Approvals



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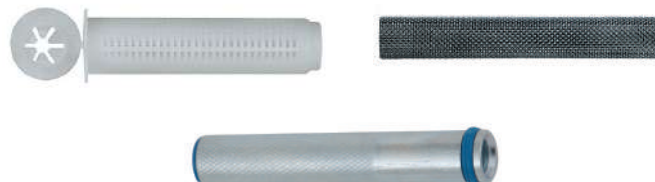
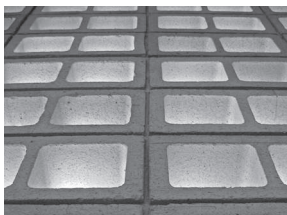
Aprobacie Technicznej ITB



ETA Approval 11/0031  
ETAG 029  
For use in Masonry



**SOCOTEC**  
QUALITÉ  
563  
CAZ 0834/1



## EA Sty Free

### Product Description

BremFix Epoxy Acrylate styrene free low odour resin is a high performance, rapid curing two part chemical anchoring system based on epoxy acrylate. Extruded through a static mixer this resin will produce a cost effective, strong, chemical resistant fixing.



### Key Features

- Used in wet holes & underwater.
- Good chemical resistance.
- Medium & heavy duty load applications.
- Non-flammable & non-hazardous.
- Ideal for indoor usage (low odour).

Part Number: ACIEASF3002



**Hi**  
durability

**Md**  
load

### Typical Gel and Curing Time\*

SUBSTRATE TEMPERATURE (°C)	35	25	15	5	-5	-10*
TYPICAL GEL TIME (mins)	3	6	8	18	50	60
MIN. LOAD TIME (mins)	20	20	20	30	90	180

\*Resin Temperature must be at least 20°C

### Main Application Types

- Large diameter & deep embedment fixings.
- Rebar fixing.
- Diamond drilled holes.
- High loading.
- Areas of chemical exposure.
- Dynamic loads.
- Wet and underwater.
- Slower curing.

### Available Sizes

Co-axial Cartridge- 300ml

### Approvals



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Imperial College  
London  
Consultants





## Manual Cartridge Extrusion Tools



All of the BremFix manual extrusion tools are made of a high quality and offer a number of significant benefits in design. Each tool has a smooth and comfortable trigger with a ratio designed to deliver a smooth but powerful force in all conditions, with the minimum of effort.

Each tool features

- i) spring tension adjustment to allow tightening of the spring trigger action
- ii) protection plate for vibration reduction

### Part Numbers:

TMACISF4002

TMACICG3802

TMACIEP6002

TMACISE5852

EXTRUSION TOOL 300ml

EXTRUSION TOOL 410ml

EXTRUSION TOOL 600ml

EXTRUSION TOOL 585ml



## Battery Extrusion Tools

For the ultimate portability which only battery power can offer, BremFix stock two high quality tools for the 380/410ml cartridge or the 300ml single piston cartridge. Each tool is kept safe in its own plastic carry case with the spare battery and charging station. Item available to special order.

**Available on request**



## Pneumatic Extrusion Tools

Manufactured in the UK by a world leading specialist of extrusion tool products, weighing just 1900g\*, the tool delivers 2.2kN\* of force powerful enough to deliver chemical anchoring resin in a controlled. Item available to special order.

**Available on request**

## T-Flow™ Mixers and Extensions



The T-Flow™ mixer is an innovative improvement of the standard static mixers. This mixer dispenses any chemical anchor cartridge system using less force, with better mixing and less waste than any other mixer currently available. Better mixing is ensured by a moulding positioned in the neck of the mixer that pre-mixes the resin and hardener.

### Part Numbers:

ACIEXN02502

ACIEXN10002

EXTENSION NOZZLE 250mm

EXTENSION NOZZLE 1000mm



## Hole Cleaning Accessories

Full adhesion and load capacity from Chemical Anchors required cleaning debris and dust from holes. Bremfix provides a full range of hole cleaning accessories to ensure the best results from Bremfix Chemical Anchoring products

- To remove debris and dust after drilling
- Maintaining rated load capacities

**Part Numbers:**

<b>ACIHCMB0102</b>	<b>HOLE CLEANING METAL BRUSH</b> 10mm x 80mm x 300mm
<b>ACIHCMB0182</b>	<b>HOLE CLEANING METAL BRUSH</b> 18mm x 80mm x 300mm
<b>ACIHCMB0282</b>	<b>HOLE CLEANING METAL BRUSH</b> 28mm x 80mm x 300mm
<b>ACIBPLD0012</b>	<b>HOLE CLEANING INDUSTRIAL BLOW PUMP</b>

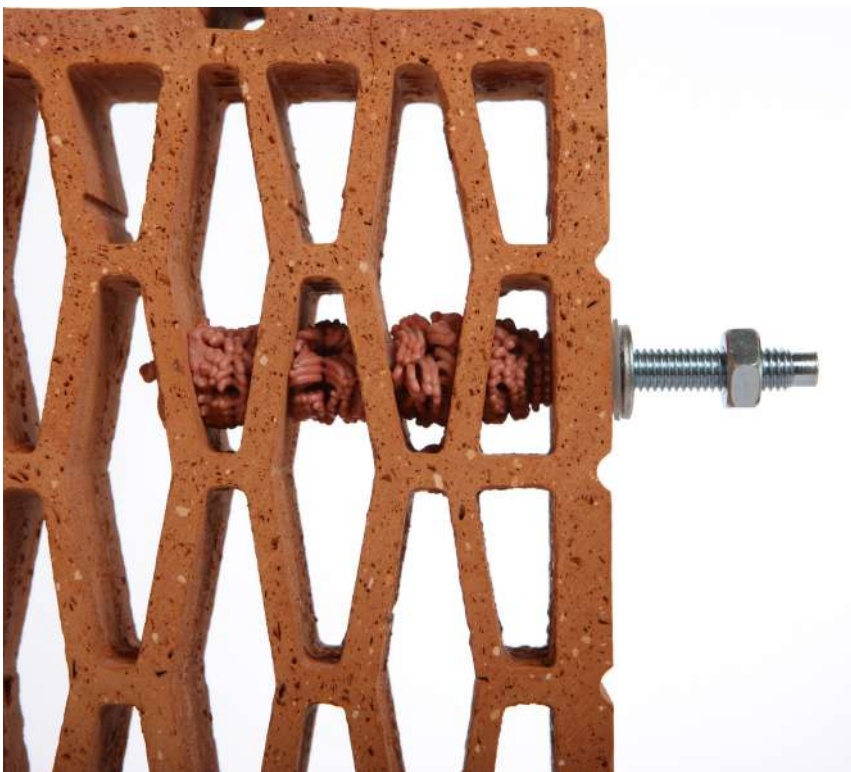


## Nylon Perforated Sleeves

For the ultimate chemical adhesion in hollow block or brickwork, combine the use of a Bremick Nylon Perforated Sleeve with any Bremick Chemical injection product. Simply insert the sleeve into the pre-drilled hole then fill with Bremick Bremfix Epoxy, Vinyl Sty Free or Poly Sty Free following which the chemical stud can be inserted to create a solid chemical bond.

**Part Numbers:**

<b>ACISP120502</b>	<b>NYLON SLEEVE SUIT PL CART 12 x 50</b>
<b>ACISP150852</b>	<b>NYLON SLEEVE SUIT PL CART 15 x 85</b>
<b>ACISP151302</b>	<b>NYLON SLEEVE SUIT PL CART 15 x 130</b>
<b>ACISP200852</b>	<b>NYLON SLEEVE SUIT PL CART 20 x 85</b>



### Chemical Capsules



The Bremifix™ Capsule system consists of a two part glass capsule containing resin adhesive with quartz aggregate in the outer capsule and di-benzol peroxide hardening agent in the inner capsule. Bremifix™ Capsules are used for installing anchor rods from M8 to M24mm into solid concrete and masonry materials.

- High load capacity
- Rapid curing
- Accurate mixing
- No expansion forces in basic material
- Used for small spacing and edge distances
- Assured setting depths
- Suitable for overhead application



### Chemical Studs



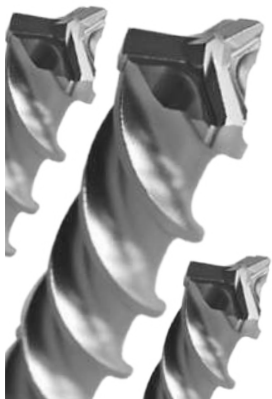
The Bremifix Chemical Stud is a 5.8 grade threaded steel rod complete with nut and washer. Suitable for use with Bremifix capsule & injection systems.

Supplied in stainless steel, galvanised and zinc plated finishes.

- High performance grade 5.8 carbon steel
- Pre-cut to standard chemical anchoring lengths
- Hex drive on all stud bolts
- Depth indicator on stud
- M8 – M24 stud diameter
- Chisel point and flat cut options
- Suitable for fastening into concrete & hard natural stone
- Assured setting depths



### Carbide Drill Bits



SDS-Plus & SDS-Max Carbide Drilling Range.

New to Bremick's high performance range of products is a European manufactured range of SDS-Plus & SDS-Max drill bits featuring options of a two cutter or an innovative three cutter design.

Providing reliability, durability and market leading drilling speeds in most masonry substrates the range is complimented by a broad selection of chiselling and spade bits to assure a carbide bit for every requirement.

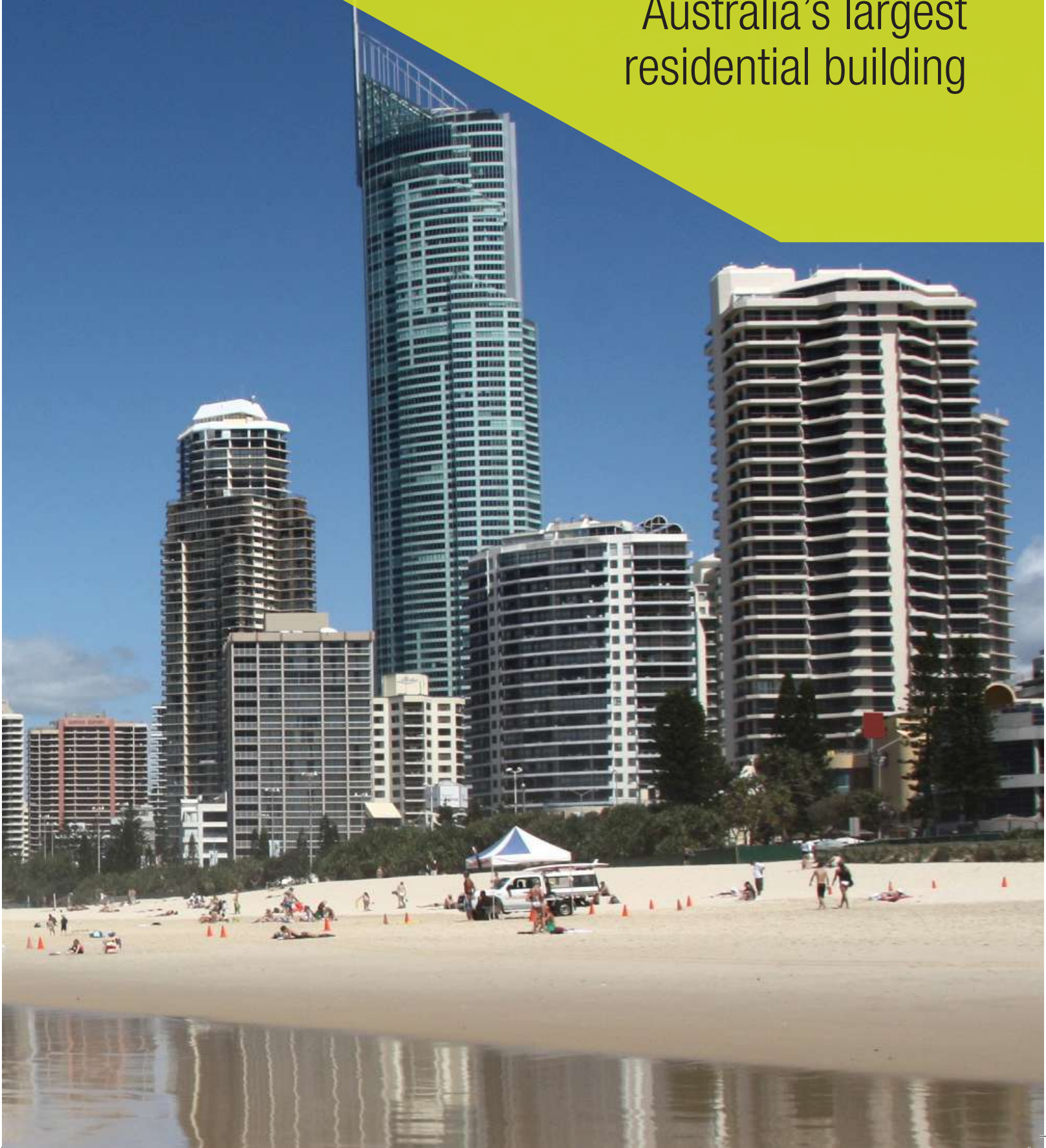
- 5mm – 42mm diameters
- Full range of points, chisels & spades
- European manufactured
- Innovative self centre tip
- Patented, core reinforced flute geometry
- Revolutionary wear marks





# BREMFIX

Our products were used  
in the construction of Q1,  
Australia's largest  
residential building



# BREMICK™

## AUSTRALIA

### National Distribution Centre

Administration  
PO Box 6070  
Alexandria NSW 2015  
Ph + 61 (0) 2 8332 1501  
Fax + 61 (0) 2 9690 1474

### New South Wales & ACT

Unit F1, 62 Maddox St  
Alexandria NSW 2015  
Ph + 61 (0) 2 8332 1500  
Fax + 61 (0) 2 9319 2303  
Toll free 1800 252 922  
Em: sales@bremick.com.au

### Victoria, SA & TAS

60 - 64 Arkwright Drive,  
Dandenong South VIC 3175  
Ph +61 3 9793 2250  
Toll Free: 1800 061 889  
Fax +61 3 9793 4850  
Em: vicsales@bremick.com.au

### Queensland (South & Central)

16 Parkview Drive  
Archerfield QLD 4108  
Ph + 61 (0) 7 3277 9233  
Fax + 61 (0) 7 3277 9255  
Toll free 1800 061 245  
Em: sthqdsales@bremick.com.au

### Queensland (North)

Unit 1, 34-36 Auscan Crescent  
Garbutt QLD 4814  
Ph + 61 (0) 7 4728 9070  
Fax + 61 (0) 7 4728 9061  
Toll free 1800 061 034  
Em: nthqdsales@bremick.com.au

### Western Australia

119 Motivation Drive  
Wangara WA 6065  
Ph + 61 (0) 8 9302 5255  
Fax + 61 (0) 8 9303 4802  
Toll free 1800 607 499  
Em: wasales@bremick.com.au



## NEW ZEALAND

### Northern Territory

11 Cato St  
Winnellie NT 0820  
Ph + 61 (0) 8 8947 1477  
Fax + 61 (0) 8 8947 0601  
Toll free 1800 609 699  
Em: ntsales@bremick.com.au

### South Australia

2 Lafitte Rd  
Wingfield SA 5013  
Ph + 61 (0) 8 8359 6900  
Fax + 61 (0) 8 8359 1611  
Toll free 1800 192 300  
Em: sasales@bremick.com.au

### North Island

Unit D 373 Neilson St  
Penrose Auckland 1061  
Ph: 9525 2244  
Fx: 9525 1992  
Toll Free: 0800 658 075  
Em: nthnzsales@bremick.co.nz

### Wellington

4/33 Pito-One St  
Korokoro Lower Hutt 5012  
Ph: 566 9363  
Fx: 5251 992  
Toll Free: 0800 658 075  
Em: nthnzsales@bremick.co.nz

### South Island

7 Lunns Rd  
Middleton Christchurch 8024  
Ph: 3365 8998  
Fx: 3365 8538  
Toll Free: 0800 106 670  
Em: sthnzsales@bremick.co.nz