EXPRESSION OF INTEREST

Braemar Gallery invites emerging, established, and / or professional Sculptors to exhibit their work on the lawns of Braemar House, Springwood.

Your proposal will be assessed by the Braemar Gallery Management Committee using the approved evaluation criteria listed in the 'Braemar Gallery Guidelines'. The Committee reserves the right to accept or refuse submissions at its discretion. If accepted, you will be notified and receive further documents to be completed and returned.

All Expressions of Interest (EOI) **must be submitted using the form provided**. EOI that do not adhere to this template will be rejected. Partially completed EOI will not be assessed.

Assistance in completing this form can be provided by emailing braemargallery@gmail.com

EOI may be submitted at any time throughout 2019 by emailing to braemargallery@gmail.com.

All EOI will be considered on the quality of work submitted, concept, suitability, appropriateness and adherence to the sculpture pad requirements.

Upon receipt of EOI the Gallery will review and advise potential dates.

No fee to the artist/s for use of the Braemar Gallery space will be paid.

Blue Mountains City Council does not insure works of art. Insurance is the responsibility of the exhibiting artist/s and all works will be displayed at your own risk.

Artists are to work with the Braemar Gallery exhibition team when installing and de-installation sculpture/s.

Sculpture pad requirements and a map of the venue are attached.

BRAEMAR GALLERY EXPRESSION OF INTEREST TO EXHIBIT EXTERNAL SCULPTURE/S

I. APPLICANT (S)

Name: _____
(or group/ organisation name. Please provide contact details for group)

Postal address: _____

_____

_____

Phone: _____Mobile: _____

Email: _____

Website: _____

Proposed length of installation:

3 months START DATE __/__/__ END DATE __/__/__

6 months START DATE __/__/__ END DATE __/__/__

Signed by the artist or group representative:

Signature: _____ Date: _____

Admin. Use Only		
Received by	Date	Time

II. ARTWORK DETAILS

Artwork Title/s: _____

Artwork value: _____

Artwork description/s:

Max. 300 words (describing participants / theme / concept / mediums used / dimensions)

III. SUPPORT MATERIAL

Please list below details of the digital images provided with your application. A minimum of 8 and a maximum of 10 images are required per sculpture.

Provide a CV relevant to your artistic practice (Maximum of 2 A4 pages). In the case of a group submission, please provide a paragraph bio. or CV for each artist.

TITLE	**YEAR**	**MEDIUM**	**Dimensions (HxWxD)**
1. *Key image. This image will be used for promotional purposes*			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Please note: do not send original artwork with application

Please provide images as Jpeg or tiff files. Images must be clearly numbered, corresponding to the above list. Image size should be 300dpi and not exceed 3MB.

Please email your application to:

braemargallery@gmail.com (preferred method)

OR post your application with images on disk or USB to:

The Exhibition Coordinator – Braemar Gallery
Blue Mountains Cultural Centre
Locked Bag 1005
KATOOMBA NSW 2780


MACQUARIE ROAD
FOOTPATH
SCULPTURE PAD 1
FOOTPATH
SCULPTURE PAD 2
FOOTPATH
STAIRS / GUTTER
CARPARK
BRAEMAR HOUSE

LEFT: Sculpture Pad 2

RIGHT: Sculpture Pad 1

Foreground: Sculpture Pad 1

Background: Sculpture Pad 2

Background: Stairs and carpark

Foreground: Sculpture Pad 2

Background: Stairs and carpark

Foreground: Stairs / Gutter

Background: Sculpture Pad 2

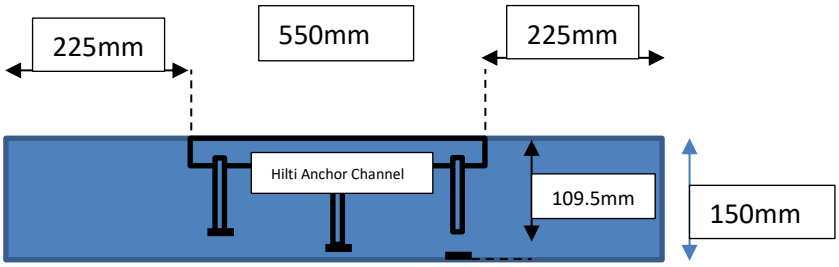
Braemar Gallery Sculpture Plinth Information

Pre-fabricated Concrete Blocks: x 2

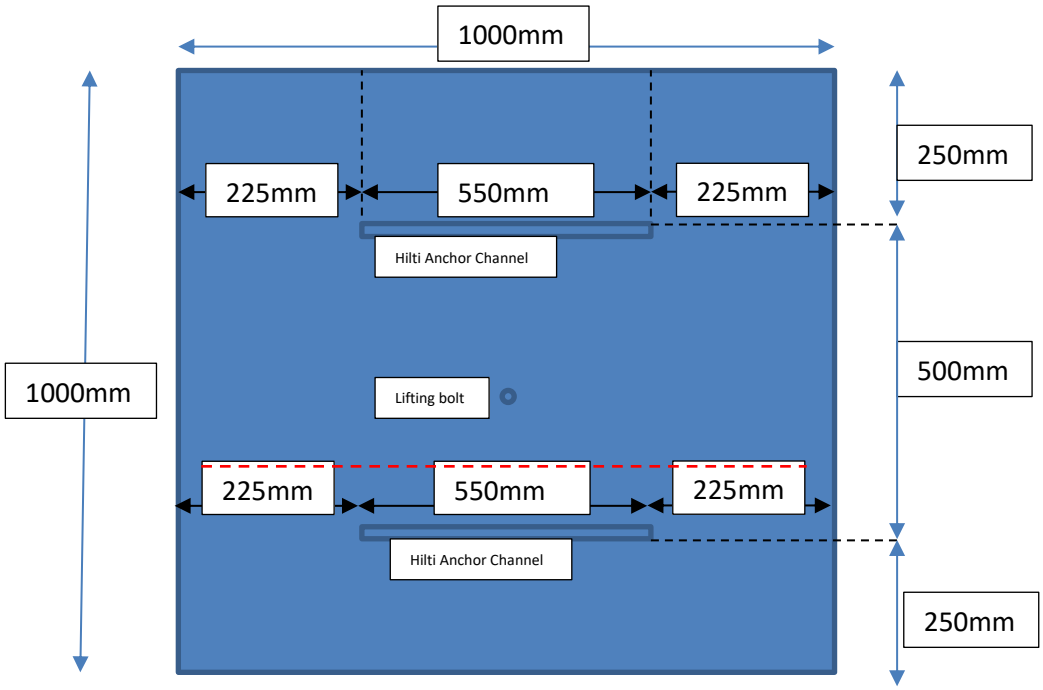
Dimensions: 1m x 1 m x 15cm (LWH)

Hilti Anchor Channel HAC50F

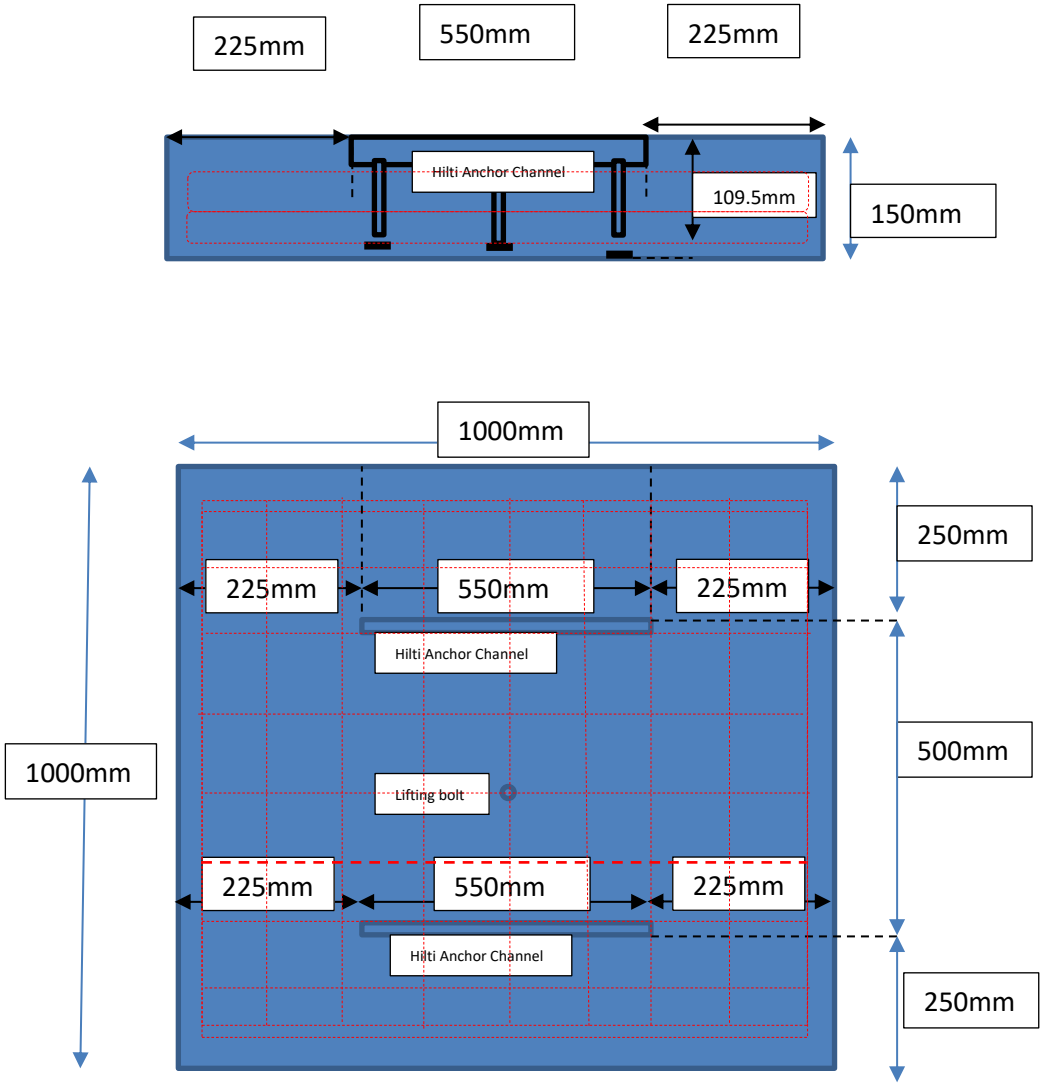
Side View



Top view



ReoBar/Mesh = N16



The Anchor Channel System allows for a threaded T-Shaped Bolt to be placed in the channel and then an artwork can be bolted down to it. The artists should consider how the artwork will be bolted down before making the artwork, taking into account the dimensions of the distance between the two anchor channels. The T-head bolt is available in M10-M20 size as per below

HBC-C T-head bolt
Versions available:
Thread sizes M10-M20
Electrogalvanised 8.8 (8 µm)
Hot-dip galvanised 8.8 (45 µm)
Stainless steel A4-

Further technical information about he anchoring channel and T-shape bolts can be found here:

https://www.hilti.com.au/content/hilti/A2/AU/en/engineering/design-center/anchor-systems/typical-applications/cast-in-anchor-channels.html

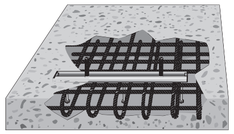
HILTI HAC ANCHOR CHANNELS

Innovation in V-form

DESIGN METHOD

For anchor channels, based on SA TS 101:2015
For several years now, the design of post-installed anchor fastenings in concrete and the design of cast-in channels with partial safety factors in accordance with European guidelines, has led to better utilisation of each fastening point. Both of these fastening methods have recently been adapted to the Australian standard applicable in the field of construction.

- Design of fastening points for static and dynamic loads as well as loads occurring in the event of fire is according to the state of the art.



Takes specific conditions into account, such as

- Concrete member thickness
- Concrete compressive strength
- Edge distances
- Type of load / direction of application
- Supplementary reinforcement

DESIGN SOFTWARE

Hilti PROFIS Anchor Channel for cast-in anchor channels
The specification of anchor channels in accordance with SA TS 101 demands use of flexible, up-to-date software that lets engineers work efficiently. PROFIS Anchor Channel, the new PC application from Hilti, meets these requirements admirably.

- Fast, flexible and user-friendly – based on the proven PROFIS application platform.
- Detailed, easy-to-follow calculation approach shown on the screen and on printed copies.
- Database link to DWX/DWG files in 2D and 3D for integration in CAD drawings.

- Individual design of anchor channels and T-head bolts
- Loads can be entered directly on the baseplate
- Instant display of calculation results upon changing parameters
- Optimisation options

TECHNICAL ADVICE

Hilti supports and advises you in all technical matters
We provide a comprehensive package of services for engineers. Our own engineers are pleased to offer their advice – in your office or on your jobsite. In particularly complex situations, Hilti's central team of experts and a global network of highly competent technical staff are at your service.

- Support with planning and design
- Support with tenders and quotes
- On-site tests and assessments
- Seminars and training

MATCHED SYSTEM FOR CAST-IN FASTENINGS

HAC cast-in anchor channels, HBC T-head bolts and connecting parts from the MQ installation channel system.

Overview of anchor channels, T-head bolts and connecting parts

Fastening system	**HBC-B T-head bolt** Versions available: Thread sizes M8-M12 Electrogalvanised 4.6 (8 µm) Hot-dip galvanised 4.6 (45 µm)	**MQ system connecting parts** (Not part of approval) Versions available: Electrogalvanised 4.6 (8 µm) Hot-dip galvanised 4.6 (45 µm)	**HBC-C T-head bolt** Versions available: Thread sizes M10-M20 Electrogalvanised 8.8 (8 µm) Hot-dip galvanised 8.8 (45 µm) Stainless steel A4-50	**HBC-C-N T-head bolt** Serrated head for loads acting longitudinally Versions available: Thread sizes M16-M20 Hot-dip galvanised 8.8 (45 µm)	**HBC-C-E T-head bolt** Bolt for elevator installation Versions available: Thread sizes M12-M16 Electrogalvanised 8.8 (8 µm)
HAC-30 anchor channel Channel lengths from 200 to 5800 mm Hot-dip galvanised (55 µm)*	■	■			
HAC-40 anchor channel Channel lengths from 150 to 5800 mm Hot-dip galvanised (55 µm)*			■	■	■
HAC-50 anchor channel Channel lengths from 150 to 5800 mm Hot-dip galvanised (55 µm)*			■	■	■
HAC-60 anchor channel Channel lengths from 300 to 5800 mm Hot-dip galvanised (70 µm)*			■	■	■
HAC-70 anchor channel Channel lengths from 300 to 5800 mm Hot-dip galvanised (70 µm)*			■	■	■

* Min. mean average coating thickness of channel

Learn more about our anchors and NCC compliance

Hilti (Aust.) Pty Ltd
Level 5, 1G Homebush Bay Drive
Rhodes NSW 2138

P 131 292
F 1300 135 042
www.hilti.com.au

Item No 3566723 05/17

INNOVATION IN V-FORM

Hilti HAC anchor channels

THE NEW CAST-IN ANCHOR CHANNEL GENERATION

With V-form for outstanding performance, versatility and savings

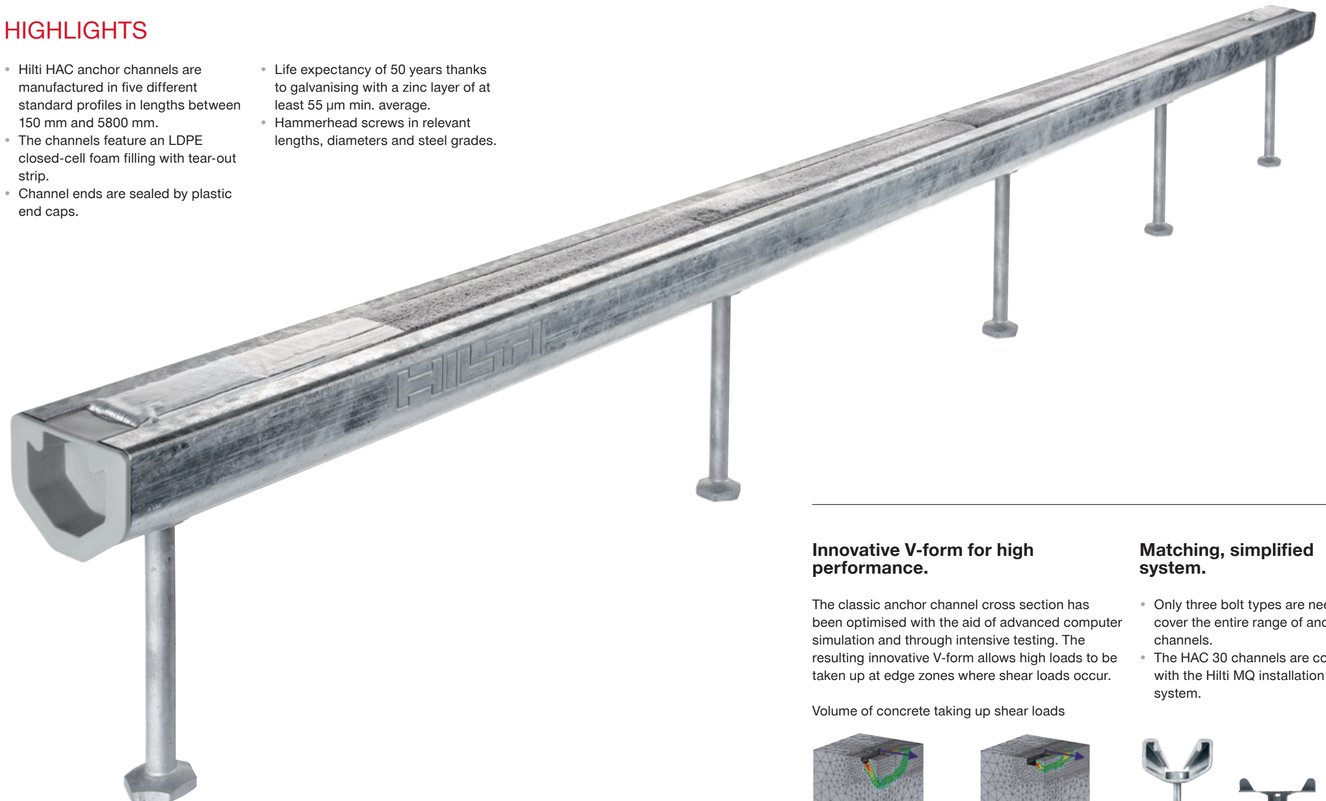
With over 60 years of experience in fastening systems, Hilti is your reliable partner for secure anchor solutions. We have now further extended our range of products to include a new generation of cast-in anchor channels for reliable load transfer to concrete structures – the Hilti HAC anchor channel.

ADVANTAGES

- **Innovative system**
  New V-form that allows high loads to be taken up close to slab edges where shear loads occur.
- **Well-sealed system**
  The foam filling strip and end caps ensure that no concrete slurry finds its way into the channel.
- **Time-saving system**
  Thanks to the new time-saving tear-out strip, the foam filling can be removed quickly and easily without leaving any remains.
- **Simple, matched system**
  Use of a single hammerhead screw type for several channel sizes greatly simplifies the range of bolts required. The serrated anchor channels are compatible with the familiar Hilti MQ channel system for general installation work.
- **Issued with an EPD**
  Independent Environmental Product Declaration, basis for sustainability-oriented building certification systems such as BREEAM or LEED.

HIGHLIGHTS

- Hilti HAC anchor channels are manufactured in five different standard profiles in lengths between 150 mm and 5800 mm.
- The channels feature an LDPE closed-cell foam filling with tear-out strip.
- Channel ends are sealed by plastic end caps.
- Life expectancy of 50 years thanks to galvanising with a zinc layer of at least 55 µm min. average.
- Hammerhead screws in relevant lengths, diameters and steel grades.



Innovative V-form for high performance.

The classic anchor channel cross section has been optimised with the aid of advanced computer simulation and through intensive testing. The resulting innovative V-form allows high loads to be taken up at edge zones where shear loads occur.

Volume of concrete taking up shear loads

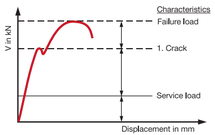
V-form

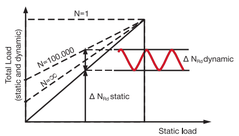
Classic cross section

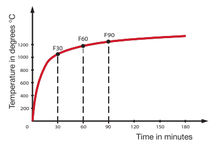
Matching, simplified system.

- Only three bolt types are needed to cover the entire range of anchor channels.
- The HAC 30 channels are compatible with the Hilti MQ installation channel system.

Designed for static and dynamic loads as well as loads occurring in the event of fire.







Designed for static loads
Only very low displacement occurs under service loads with Hilti anchor channels in cracked concrete. The anchor channels exhibit ductile behavior when the ultimate limit state is exceeded and provide clear advance warning before failure occurs

Designed for dynamic loads
The new design method employed allows dynamic loads to be taken into account in terms of short-term as well as long-term fatigue strength for tensile loads acting in conjunction with static loads. The basis for this is formed by the Wöhler fatigue strength curves determined experimentally for the entire oscillation spectrum.

Designed for loads occurring on exposure to fire
An all-encompassing design concept for anchor channels was developed for the first time. This concept takes the loads that occur during exposure to fire into account in accordance with the standard temperature curve (ETK and ISO 834, DIN 4102 T.2) for pure tensile as well as shear loading. Design calculations are made according to EOTA TR020 or, respectively, CEN/TS 1992-4.

Time-saving, well-sealed system.

The new environmentally friendly LDPE closed-cell foam filling equipped with a tear-out strip can be removed quickly, thus saving labor costs. Platstic end caps also help keep concrete slurry out of the channels.

Tests and approvals.

Under the number ETA-11/0006 issued 1/2/2016, the Hilti HAC cast-in channel system has been approved for use under static as well as dynamic loads and loads occurring in the event of fire. Approved for use under seismic loads as per ICC-ES AC 232, ACI 318-11.

Non-cracked concrete
Cracked concrete
Seismic ACI
Fatigue
Fire approval
Environmental product declaration