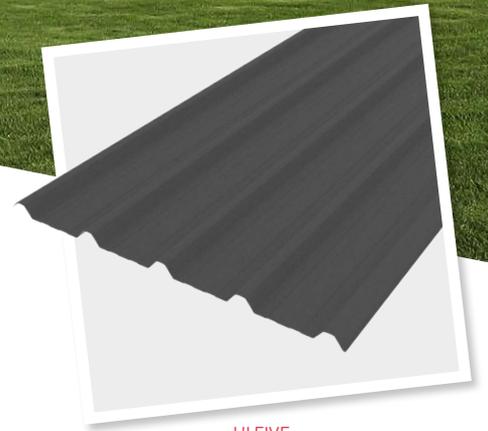




## Curves in Invercargill

A bold curved design complementing the Southland landscape.



HI FIVE  
IN SLATE

From the get-go, owners Andrew and Linda Gunn wanted something different and produced an original sketch resembling a squashed octopus – a plan full of never-ending curves in both form and elevation for Nathan to capture – with little deviation from the sketch.

The Gunns wanted a low-risk home using conventional materials comprising locally sourced timber framing with brick cladding and weatherboard.

Situated on a prominent rural site, sloping towards the Waihopai River, to the east of Invercargill, the design of the Gunn's home was in constant consideration of needing shelter from prevailing winds

but capturing magnificent views while also giving privacy from its location on a corner property.

At just over 34m from east to west, the length of the home was to become a factor for the selection of material for the main draped roof. Dimond® Roofing in Christchurch provided technical assistance in support of the selection of

ColorCote® .55 ZinaCore™ material in colour Sandstone Grey roll-formed to the Dimond® Roofing Hi Five profile, along with their Box 125 guttering.

Although the form is radical the client's brief had a requirement for conservative treatment of both internal and external moisture management and the central tapered section of the home



**ABOVE**  
Hi Five in Sandstone Grey

works perfectly to eliminate the requirement for internal gutters.

The material was run at Dimond® Roofing's Christchurch factory and the 34m sheets transported to site arriving at 6 am the following day. A scaffold ramp was erected from the truck onto and across the roof to allow the sheets to be "walked" over the roof into position by a team of 16 people.

The sheets are directly fixed to the central section over the apex of the roof and then slotted to allow expansion at the ends. There are no penetrations in the roof. Framing comprises parallel chord trusses allowing airflow to the roof space with vents included in the soffits to allow cross ventilation. Keith Ivey and Tony Frew of CS Roofing (Southland) Ltd supervised the roof installation.

Praise must go to the bricklayer Peter King whose

artistry involved changing shapes and cuts required by the complex curves of the design along with having the monumental task of all the raking cuts to the soffits.

The owners' crazy octopus plan has transformed into a stunning rural home that sits well on the rolling Southland landscape while observing the "curves" so important to owners Linda and Andrew Gunn.

## HI FIVE

### PROFILE

Offering a bold modern look, Hi Five allows you to maximise roofing and cladding efficiencies in your building designs. Supporting wide purlin spacing and performing well on low pitch roofs. It can additionally be crimp curved, offering unique architectural design possibilities.

### MINIMUM PITCH

3 degrees

### SUITABLE FOR

Residential  
Light Commercial  
Commercial

### MANUFACTURED IN

Invercargill  
Dunedin

### CREDITS

#### Architectural design:

Fat Hippo Design Group  
T 027 213 1158  
E nathan@fathippo.org  
W fathippo.org

#### Main Contractor:

Tomlins Building Ltd  
T 03 217 0378

#### Roofing installer:

CS Roofing Southland Ltd  
T 03 218 4394  
E admin@csroofingsouthland.co.nz