

SVARMISK RESORT & SPA RETAINING STRUCTURES MT. BEAUTY, VIC, AUSTRALIA

GEOTECHNICAL ENGINEERING/MASS GRAVITY WALLS

Product: Maccaferri Galmac (95% Zinc 5% Aluminium Mischmetal Alloy) Coated Gabions

Problem

A new resort development is under construction in the Victorian Snowfields at Mt Beauty. The project includes the design and construction of prestige chalet style accommodation combined with a luxury spa facility.

As part of the development works the existing site required landscaping and terracing. The access from Bogong High Plains Road also required widening to provide a turning lane. In both cases retaining walls were required to support the new landscape formations.

Solution

Gabions were selected as the most cost effective retaining wall solution. Their appearance was also consistent with the local rock formations and the overall landscape theme. However, aesthetics were of prime importance particularly as the Bogong High Plains Road wall provides a vital first impression to the spa's visitors.

Earthtec was contracted to provide design advice and construction for the entry feature wall.

Benefits

The resorts owners and Swedish investors are delighted with the completed wall and have commissioned further similar walls within the spa complex to retain car parks and terracing.

The standard of Earthtec's work has received wide recognition within the industry and from as far away as New Zealand with Maccaferri's NZ Managing Director Chris Brockliss stating "it's the best gabion works I've seen".

Client name:

LA TASK PTY LIMITED

Contractor name:

EARTHTEC CONSTRUCTIONS

Product used:

MACCAFERRI GALMAC (95% ZINC 5% ALUMINIUM MISCHMETAL ALLOY) COATED GABIONS

Construction date:

APRIL 2005



Gabion Formwork to produce straight face

Date: April 2005



Gabion walls around the Lodges

Date: Aug 2007



Gabion walls on Bogong High Plains Road

Date: June 2005

Maccaferri Pty Ltd

22 Powers Road, Seven Hills, NSW, 2147 - Australia

PO Box 575, Seven Hills, NSW, 1730

Tel. (+2) 8825 6300 - Fax (+2) 8825 6399

E-mail: sales@maccaferri.com.au - Web site: www.maccaferri.com.au

The information presented herein is, to the best of our knowledge and belief, correct and is subject to periodic review and revision. The validity of the information relative to the subsoil, hydraulic and other engineering conditions must be ascertained by a suitably qualified person. No warranty is either expressed or implied. Unauthorised reproduction or distribution is prohibited. Copyright is vested in Maccaferri or Maccaferri's Principal where applicable.