

2<sup>nd</sup> February, 2009

**De Martin &  
Gasparini**



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## **Letter of Recommendation:**

To whom it may concern,

In the supply of dintel construction system for Mirvac Amarco Apartments at Rhodes, De Martin & Gasparini would like to take this opportunity to express our sincere appreciation and recommendation for the supply of Dintel Wall system. As Project Manager, we are certain that the Amarco Apartments project would not have been an enormous success if it were not for the speed and ease of installation of the Dintel System, not to mention the safety implications that are clearly detailed in DMG safety initiatives for the Amarco project.

We have come to appreciate the products benefits in performance, being of light weight material manual handling injuries or risk of injuries are reduced, no stripping is required as per conventional formwork wall systems improving site logistics and housekeeping.

I would highly recommend the use of the Dintel Construction System on any related projects.

On behalf of De Martin & Gasparini,

Respectfully,

Michael Petracca

BE(civil)

0401895295

**De Martin & Gaspirini Pty Ltd.**



Monday, 25<sup>th</sup> August 2008

Mirvac Constructions  
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Sydney NSW 2000 Australia

Project: P5138, Amarco Apartments

Attention: David Howard

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**RE: WORKPLACE HSE INITIATIVES (DMG / Arndell Formwork Joint  
Venture) - Revision 2.**

DMG together with Arndell Formwork have consulted to achieve several project Health and Safety Environmental Initiative's.

**Initiative 1 – Dincel Wall System – Light Weight Wall System**

This is a formwork system made out of modules of studs which connect to each other by a snap-on and sliding mechanism. The grooved and tapered male part of each module is connected to the female part of the adjoining module by simply tapping each module to each other.

The Dincel Wall System compared to the Conventional wall System is a much lighter system, reducing the risk of manual handling injuries, it also eliminates the need for stripping which is a high risk activity that may cause crush injuries, cuts and abrasion due to falling objects.

The Dincel Wall System also eliminates the need to vibrate concrete, reducing the risk of manual handling injury, helping the environment by reduction of emissions as no need for vibrator motor and reduction in noise pollution from noise emitted from vibrator.

The other Environmental Advantage is reduction of disposed materials, since stripping is eliminated with the Dincel Wall system there is no waste, conventionally once the timber and ply have been exhausted in their use, these materials will then join general construction waste, ie Landfill.

**Table 1 – Dincel Wall System Vs Conventional Wall System – Advantages and Disadvantages**

<b>Dincel System</b>	<b>Safety Benefit</b>
Lighter	Minimise Risk of back Injury
Quicker	Reduce the time exposed to an activity or risk.
Reinforcement not Exposed.	Reduction in risk of cuts
No stripping of formwork	Eliminate a high risk activity.
Eliminate or reduce the use of a hammer.	Eliminate or reduce risk of crushing fingers.
Eliminate need for vibrator	Reduction of Manual Handling Injury
Eliminate need for vibrator	Reduced Emissions (Environmental)
Eliminate need for vibrator	Reduction in Noise Pollution (Environmental)
No stripping of formwork	Reduced construction wastes – reduce landfill wastes

**Table 2 – Dincel Wall System Vs Lysaght Wall System – Advantages and Disadvantages**

<b>Dincel System</b>	<b>Safety Benefit</b>
Lighter than lysaght	Minimise Risk of back Injury
No Sharp Edges	Reduce risk of Cuts.

DMG will continually endeavour to achieve additional Initiative's, throughout the Amarco Apartment Project if additional Health and Safety Environmental initiatives are proposed, DMG will present and consult with Mirvac on their safety and Environmental benefit. DMG will review a advise Mirvac on a tracking system, depending on what statistical data is available.

Regards,

*Michael Petracca*

B.E. CIVIL Engineering.

**De Martin & Gasparini**

Project Supervisor

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