



TMC – Tinni Management Consulting

PAVEMENT INFORMATION NOTE

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Edited by Arvo Tinni. Email arvo@tinni.com.au

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More on Cold Weather Concreting –

HEATING BLANKETS FOR HIGHWAY PROJECTS

Geoff Ayton of RTA Pavements Branch sent me the following link regarding a commercial “PowerBlanket” that is available in the US.

http://www.powerblanket.com/major_highway_projects-a-25.html?osCsid=db594353c26fc10945cf88f7545fb511

He points out that he has not heard of these having been used on any project. In their testimonials they quote New York State, however I note that their concrete pavements specs do not mention it as an option. Various types of blankets are common on building works.

The blankets are available in various sizes, with the largest being 23x11 m

The cost of one being about \$1,500 or \$6.5/m². Hence to protect, say 500 m, for 3 days would cost ~\$110,000 for the 3 days’ pours. (+freight ??).

The blankets are electrically heated using 110 v AC. It is claimed that the blanket only takes \$0.2/h of electric power. Hence, the operating cost for the 22 blankets for the 500 m pour for 3 days would be only ~\$100.