



Independent approval for Tarmac's RoadMaster

Emcol Mixing Liquid has played a key role in gaining certification for a new product developed by our UK licensee, Tarmac.



RoadMaster from Tarmac has been approved by the British Board of Agrément (BBA) under the Highways Authority Product Approval Scheme (HAPAS). Using Emcol Mixing Liquid as its binder system, RoadMaster has been approved under HAPAS as a cold-lay material for the permanent reinstatement of openings in Type 2, 3 and 4 roads, footways, footpaths and cycle-tracks.



RoadMaster is the first cold-lay stone mastic asphalt to receive approval under HAPAS. Agrément Certificate No. 04/H096 was published in June 2004 and is available at BBA's website at www.bbacerts.co.uk

HAPAS was set up by the UK Highways Agency to develop approval arrangements for innovative products in the road sector, removing the need for individual authorities to carry out their own assessments and tests. To receive approval under HAPAS, products are subjected to an extensive programme of independent performance and durability testing.

The reinstatement of small excavations in roadways using traditional methods requires significant amounts of labour, plant and equipment. The replacement of temporary reinstatement materials at a later date with hot-lay materials, results in additional costs. RoadMaster can reduce these costs dramatically. It has been



specially engineered for fast, one-stop permanent reinstatements and is manufactured using Emcol Mixing liquid and approved aggregates at dedicated production units.

With roads increasingly surfaced with stone mastic asphalt based materials, RoadMaster provides the perfect solution to matching the existing carriageway appearance.

RoadMaster™

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New sub-licensee in China



China Swiss Engineering, Emcol's licensee in China, has appointed a sub-licensee for the production and marketing of Emcol IRR within Shanghai, Jiangsu and Zhejiang provinces. The company, Shanghai Zhen Wei Industrial Company was formed in 1994. It supplies building materials and ancillary products for bridge, tunnel and road construction projects.



Shanghai Zhen Wei Company has been involved in many prestigious projects including the Nanpu, Yangpu and Xupu bridges. The company's extensive skills are assisting it to develop additional business providing consultancy for road and bridge design together with maintenance services.

Emcol develops its licensee network in Africa

Emcol is proud to welcome two new licensees in the African continent.

Eastern Builders and Engineers Ltd (EBE) have begun production and marketing of Emcol IRR in Uganda. The company was formed in 1982 and has won a high reputation in Uganda for the quality of its work in the construction sector.



EBE has executed many projects in almost all areas of civil engineering and road works. Projects have included large-scale drainage works and water systems, the construction of multi-storeyed buildings, hospitals and health units. The company has a dedicated team of experienced civil engineers. In Uganda Emcol IRR is marketed as Pot-Seal Instant Pothole Sealing Material.



In Botswana, Mersha Enterprises (Pty) Ltd has been appointed as Emcol's licensee. The company has been formed by Janet Jordaan and partners and as Emcol News goes to press, Mersha Enterprises is in the final stages of setting up manufacture and distribution.

The Botswana Roads Authority has a continuing programme of road maintenance and improvement. Emcol IRR will offer a fast-track solution for repairs in the country's road network.

Botswana adopted its name upon independence in 1966. Four decades of uninterrupted civilian leadership, progressive social policies and significant capital and infrastructure investment have created one of the most dynamic economies in Africa.

We offer a very warm welcome to EBE and Mersha as they join the Emcol licensee network and we look forward to the successful development of Emcol IRR in Uganda and Botswana.

Sixth Emcol manufacturing plant opens in Japan

In August 2004, Shinreki Industry Co. Ltd. celebrated two notable milestones in the company's history.

The opening of Shinreki's Emcol IRR plant at Hokkaido in the north of Japan represents a remarkable success. When Shinreki became an Emcol licensee in 1989, the company initially manufactured Emcol IRR at its production plant in Kumagaya. This factory continues to service the market in central Japan and metropolitan Tokyo.

As Shinreki's market for Emcol IRR began to grow and develop, further production was added at Tohoku in the north of Honshu island. Additional capacity was added in 1998 with the opening of two more plants in Kyushu and Kansai. The fifth Emcol plant opened at Hiroshima during 2002.

Now in 2004, Shinreki has constructed its sixth production facility for Emcol IRR at Hokkaido, enhancing the company's logistics and rapid delivery capabilities.

Mike Woods represented Emcol at Hokkaido on 20 August and was invited to deliver a message on behalf of the guests present at the Order of Completion ceremony. This was preceded by the Order of Divine Works, a traditional Shinto ritual at which Mike was honoured to be asked to make an offering of a sprig of the Sacred Tree of a God.

Earlier at Shinreki's head office in Tokyo, the fifteenth anniversary of the signing of the Emcol manufacturing license agreement was celebrated. Shinreki became an Emcol licensee on 26th July 1989. At the celebrations, Mr. Fujihara, Shinreki's Chairman, said:



"The 26th July 1989 is one of the most important and memorable days in the history of Shinreki since it was established in 1959. Whenever I see the date July 26th come around, I always recall the strong relationship which has developed between Emcol and Shinreki".



European Union expansion

In May 2004, The European Union underwent the largest expansion since its formation fifty years ago.

The expansion increased the number of member states in the Union from fifteen to twenty-five. The ten new countries joining the EU were Cyprus, Czech Republic, Estonia, Latvia, Lithuania, Malta, Poland, Hungary, Slovakia and Slovenia.

This significant enlargement of EU membership means new opportunities for all who trade, travel, live and work in what is now the world's largest single consumer market. Emcol has manufacturing licensees in four of the new EU member states:



Cyprus
ANC Waterproofing



Czech Republic
Dopravni Stavby Holding



Hungary
Nike Trans Agro + Bau



Poland
Polmin sp. Z.o.o.

Emcol hopes that EU accession will prove to be beneficial and profitable for our licensees and their countries.

Software solution for road maintenance planning



Repairing roads when and where it is needed was the goal for EUREKA project GEOSECMA-PMS.

The project team has created a new software “toolbox” for road authorities to assist them in the maintenance of roads, providing a safer and more comfortable ride for the public and savings for local government. The integrated software takes into account factors such as potholes, ruts and cracking in the road pavement, the intensity of traffic and the wear it causes.

Information about the pavement material, type of lighting and road signs are entered into the system. It then proposes what actions should be taken within a fixed budget to prolong the residual life of the road as much as possible.

The project brought together two specialist companies that had both independently developed systems in Denmark and Sweden. GEOSECMA-PMS incorporates the two systems into one integrated product which is now available in municipal markets in EU countries and Central and Eastern Europe.

Established in 1985 by the EU to encourage technological development, EUREKA supports European countries through international collaboration in creating innovation networks.

More details on the GEOSECMA-PMS project may be found at
www.eureka.be/geosecma-pms.