

Gunite Lining to Black Liquor “Jumbo” Tank - Advanced Agro

Having successfully completed lining works to three liquor storage tanks during the initial construction of Advanced Agro’s Prachinburi facility in 1996, Hammersmith were again contacted when the installation of concrete lining to the 24,000m³ “Jumbo” storage tank was required.

Following the grit blasting of all steel surfaces, the welding of spacers and connectors to the entire inside of the tank, application of a steel primer, fixing of mesh reinforcement, concreting of the tank floor, and the concrete jacketing of sixteen 12.0m high internal columns, the lining of the tank walls was completed by the “dry spray” shotcreting method.

With up to three gunite machines working simultaneously and a work force of up to 30 operatives, all works, including the removal of rebound etc. were completed in a little over 3 months.



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HAMMERSMITH LIMITED

38/1 Soi Naphasap Yak 1 Sukhumvit Soi 36,
Klongtoey, Bangkok 10110 THAILAND

Phone: (662) 661 5962/3

Fax: (662) 661 5986

Email: email@hammersmithgroup.com

Web: www.hammersmithgroup.com

PROJECT DETAILS

Project Title	Gunite Lining to Black Liquor Storage Tank
Client	Advanced Agro PLC
Details	Application of 1,770m ² of 90mm thick gunite lining and 1,750m ² of 100mm thick base concrete to “Jumbo” storage tank. Works including grit blasting of all steel surfaces, application of steel primer system, fixing of mesh reinforcement and internal steel column concrete jacketing
Completion	December 2002