



# CORROSERV (M) SDN BHD

CASE HISTORY ~ CH0023

## EXTERNAL BOTTOM COATING ON 4 UNITS OF CAT ENGINE DIESEL TANK

**THE CHALLENGE:** The bottom areas of the diesel tanks need to rehabilitate and the repair cost must be effective and able to extend the service life of the tank. A moisture tolerant coating is required as the bottom area is always exposed to salt laden environment and repair needs to be done as soon as possible to prevent further degradation of the substrate.

**THE SOLUTION:** Corroserv (M) Sdn Bhd proposed the use of Corro-Dur™ 561 in conjunction with metal epoxy / sealant / fiberglass tapes to seal the holes and deep pitted areas after it was grit blasted to SSPC – SP10 (Near White Blast Finish). Then prime coat the entire bottom surface that was sweep blasted with Corro-Dur™ 257 at 250 microns and topcoat it with Corro-Dur™ 258. Chlor-Rid is also used to decontaminate the surface prior to application of the Corro-Dur™ coating system. It was primarily selected by the facility owner as the repair / coating system due to the following major reasons - it is solvent-free, no humidity limits, and enhanced with Kevlar® fibers.



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*APPLIED SYSTEM:  
LINING*

*YEAR:  
2005*

*LOCATION:  
BINTULU, SARAWAK*

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*NO SEA TOO DEEP, NO JOB TOO TOUGH!*

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