



# HOT PIPE COATING™

## REFERENCE

CUSTOMER: HYUNDAI OIL BANK, DAESAN FACTORY  
PRODUCTS: HOT PIPE COATING ; SUPER THERM ; ENAMO GRIP  
MARKET: ENERGY & MINING  
COUNTRY: KOREA (COURTESY OF SUPERIOR PRODUCTS SOUTH KOREA)



### PROJECT DESCRIPTION

Coating Surface: Heat exchanger cover, carbon steel base  
Purpose: Prevent heat loss from heat exchanger cover thereby increase energy efficiency

### COATING SOLUTION

HOT PIPE COATING - 3 applications after grinding the metal surface (total 12 – 15mm)  
SUPER THERM - 2 applications for sealing (200micron in thickness)  
ENAMO GRIP - 1 application for smooth surface (75micron thickness)

### RESULTS

[ SEE PICTURES FROM PROJECTS BELOW ]



Surface temperature measurement before coatings

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Surface Grinding



After Grinding



HOT PIPE COATING 1<sup>st</sup> Application



HOT PIPE COATING 2<sup>nd</sup> Application



HOT PIPE COATING 3<sup>rd</sup> Application  
(12~15mm thick)



SUPER THERM Application

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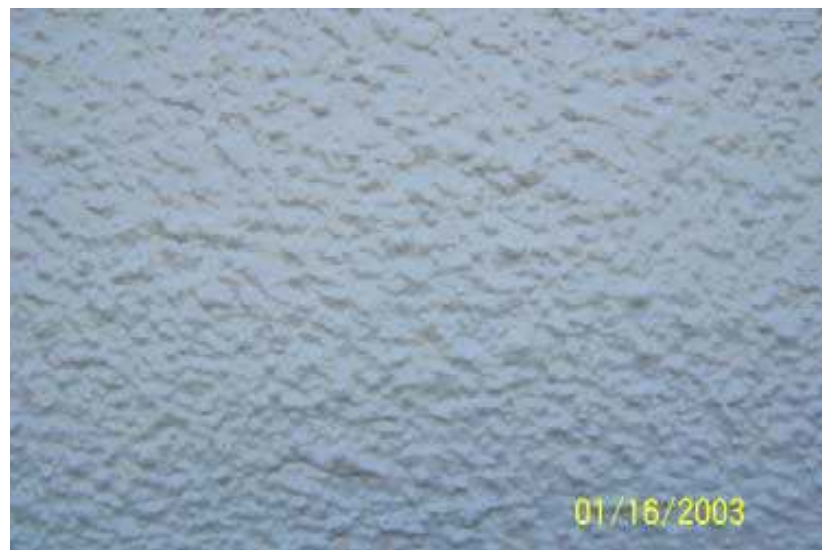
ENAMO GRIP Application



Completed Application



Surface temperature after applications, reduced by 68%



Surface magnified after completing coatings