



## > Waterproofing Systems and Technical Solutions



### > Evonik Methionine Plant

Specialty chemicals company, Evonik has chosen to construct their first world-scale methionine complex in Asia at Banyan Avenue in Jurong Island, Singapore. The complex will enable backward integration of all the key intermediates that go into the manufacturing of methionine.

Methionine is used as nutrient in feeds to promote the growth of poultry and livestock, shorten the feeding cycle and increase the quantity of lean meat and this plant will produce 150,000 metric tons per annum of amino acid DL-methionine, together with all the strategically important intermediates upon completion.

The total estimated on the plant is €500m (\$636.Sm) and it is the largest investment being made by the company on the chemical plant to date.

Due to the sensitive nature of the site, as several major petroleum manufacturing plant is located on Jurong Island, this project requires «fire safe» products that are non hazardous or flammable in nature, Thus DAVCO K11 CWA was used due to the safety requirements at these sites and it has an added advantage as the waterproofing admix is dosed off site into the fresh concrete.

The water based waterproofing system is environmentally friendly and certified by Singapore Environment Council as a sustainable building material.

#### — APPLIED PRODUCT —



- DAVCO K11 CWA

#### — TECHNICAL DETAILS —

- Surface : 1,000 m<sup>3</sup>
- Volume : 3,500 kg

#### > LOCATION

Singapore

#### > CUSTOMER

Jacobs Engineering Singapore Pte Ltd

#### > MARKET SEGMENT

Water Structures

#### > SUBSEGMENT FUNCTION

Waterproofing

#### > YEAR

2014

#### BRAND



# Davco

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