

Women and Children Hospital

Brunei Darussalam (2014)

BACKGROUND

The Women and Child Hospital in Brunei Darussalam is part of the General Hospital locally called Raja Isteri Pengiran Anak Saleha (RIPAS). It opened in early 2015 with improved facilities and services for patients. The new \$69-million facility is fully operational, with 382 beds for Women and Children in a state-of-the-art structure.

The construction time-line and costs were of the utmost importance while managing the Life-Cycle Costs (LCC) throughout the structures life span. Project teams also wanted products with a proven, time-tested technology that they could count on to do the job. The Ministry of Health specified a solution which needed a great track-record and extensive experience in concrete waterproofing. They needed an innovative waterproofing solution.

SOLUTION

Kryton's 42-years in the industry and pioneer in crystalline technology made the choice easy for the Ministry of Health. After extensive testing and evaluation by the project engineers, Krystol Internal Membrane (KIM) was selected for all suspended roof slab and roof garden areas. The top floor of the hospital is flat which made it of crucial importance to have a reliable concrete waterproofing system in place because the VIP rooms were located just below. Further, Krystol T1 & T2 were applied in all wet areas and toilets. Krystol Waterstop Treatment was used to create a watertight seal for all of the buildings pipe penetrations.

Mr. Osawa, the RIPAS Project Manager, was extremely impressed with the performance and reliability of the Krystol Waterproofing Systems that he has decided to use Kryton on future projects. As of writing, the Woman and Child Hospital structure is leak free.

OWNER:

Ministry of Health

ARCHITECT:

Architect Idris

ENGINEER:

Jursuy Perunding Sdn. Bhd.

APPLICATOR:

BUE Construction

DISTRIBUTOR:

BUE Enterprise

PRODUCTS:

Learn more at kryton.com

Krystol Internal Membrane™ (KIM®)

Krystol T1® & T2®

Krystol Waterstop Treatment™



Kryton's extensive 42-year history of successful concrete waterproofing made the decision to use KIM easy.



Krystol T1 & T2 were applied in all wet areas of the structure for a watertight seal.