

Case Study

Brunei Palace

GEOGRAPHICAL AREA:

Brunei Darussalam

ISSUE:

Mold growth on the exterior marble Palace Walls was causing extensive maintenance costs to keep it clean.

SOLUTION:

Energy Protect™ thermal insulation & mold resistant coating.

Coverage: 2-coats

RESULTS:

- ✓ Eliminated mold growth on the palace walls.
- ✓ Provides protection against the harsh salt air environment.
- ✓ Did not change the look of the beautiful marble that it was protecting

Award Winning Energy Saving and Asset Protection Coatings



The maintenance team at Istana Nurul Iman, the residential palace in the country of Brunei, had been searching for many years for a solution to the continual mold growth on the palace walls.

The palace performed a year-long study of the Energy Protect™ coating for resistance to mold growth. Energy Protect™ was coated on the three lower tiles in the photo on the next page, and after a year proved to be resistant to mold growth in this extremely humid climate.

The tiles coated with Energy Protect™ remained free of mold growth, while the untreated tiles were once again covered with mold growth.

After the successful completion of the study, the Palace arranged for the application of 2-coats of Energy Protect™ for mold resistance to be applied to the extensive area of its marble palace walls.

In addition to keeping mold from forming on the palace walls, which greatly reduced their maintenance costs, the coating also provided protection against moisture penetration, damaging UV rays and deterioration as a result of the salt air, all while remaining invisible, which allowed the beauty of the palace to shine through.



The entire wall was cleaned and the three lower tiles were coated with 2 coats of Energy Protect™ coating. After 1-year this photo was taken. The coated area was still free of any mold growth, while mold had returned as usual to the untreated marble areas.



Project Team, happy with the success.

