

TRIMO

CASE STUDY
**DENTISTRY SCHOOL FOR
GRADUATE STUDIES**

BUILDING TYPE **MEDICAL AND ACADEMIC**

INVESTOR **ARAB AMERICAN UNIVERSITY**

ARCHITECT **HANI HASSAN ARCHITECTS**

MAIN CONTRACTOR **AZ INTERNATIONAL CO**

PRODUCT **QBISS ONE PREFABRICATED
ARCHITECTURAL WALL**

COLOUR **RAL 9007**

YEAR OF COMPLETION **2018**

LOCATION **RAMALLAH - PALESTINE**



The Dentistry School for Graduate Studies is part of a larger University campus in the city of Ramallah in Palestine. The architect created this impressive modern high-end design to fulfil the Arab American University's vision and its technical and academic requirements. The centre hosts 64 clinics with dedicated entrances for students, academic staff and patients and it is a first of its kind in Palestine representing a starting step of a larger medical centre.

The building is surrounded by other university departments, made mostly out of local stone. Its exterior is truly stunning from all perspectives. The eye-catching triangular construction made from Qbiss One façade solution combined with authentic ornaments not only makes for a unique outlook, but also harmonizes the futuristic architectural approach with local culture.



The dynamic of the horizontally assembled façade is created by alternating local stone cladding and slightly overhanging assembled Qbiss One elements.

Thus, we can see that the Qbiss One steel façade system doesn't need to be used solely in modern and urban design – the architect combined the best features of both worlds and truly considered the desert surrounding and the visual consistency with the other campus buildings. The architect's choice of materials also expresses his inclination towards sustainable building solutions, since the Qbiss One façade system is made of environmentally friendly materials, that are 98% recyclable and have a low CO2 footprint of just 44 kg/m² (LCA) during the lifetime of the building.



Ramallah is known for its mediterranean climate with cold winters and long, warm and dry summers with average daily temperature above 25°C, which is why the Qbiss One facade system was also the best choice thanks to its insulation properties. With mineral wool insulation it can achieve a high thermal insulation level with U values up to 0.16 W/m²K and contributes to thermally pleasant and stable interior climate.



▣▣ Qbiss was selected as the best option for the building envelope cladding because of its good quality, system flexibility and its thermal properties.”

Hani Hassan,

architect

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