

IMSS HOSPITAL EMERGENTE COVID-19

Puebla, Mexico | Final EDGE Certification | October 2020

Developer: IMSS-Kainsa and Movil Infra Tech

EDGE Auditor: David Dominguez



El Instituto Mexicano del Seguro Social (IMSS) has opened a 40-bed hospital in response to the COVID-19 pandemic. Due to the urgent need for the hospital, expedited construction using materials of high thermal and acoustic properties was a requirement. The hospital was built in only eight weeks' time by using an innovative, prefabricated construction system. WHO protocols and recommendations also had to be followed, including project design that allows for strict control of flow for patients, medical practitioners and administrative staff. The project used resource-efficient design and technologies, such as reflective paint, occupancy sensors and low-flow plumbing fixtures that lower the hospital's utility costs. The operational savings will be used to provide greater care for patients. The IMSS Hospital Emergente COVID-19 received final EDGE certification from GBCI.

Size
1,532 m²



27% ENERGY SAVINGS

Reflective paint and tiles for the roof, insulation of the roof and external walls, energy-saving lighting in the internal and external spaces and occupancy sensors in bathrooms.

People
Impacted
46



29% WATER SAVINGS

Water-efficient single-flush water closets and urinals and low-flow showerheads and faucets in bathrooms.

CO₂ Savings
23.0
tCO₂/Year



66% LESS EMBODIED ENERGY IN MATERIALS

Light-gauge steel floor cassette for the floor, steel-clad sandwich panel for the roof and precast concrete sandwich panels for internal and external walls.



EDGE, an innovation of International Finance Corporation (IFC), is a green building certification system focused on making buildings more resource-efficient. It empowers developers to quickly identify the most cost-effective ways to reduce their building's energy use, water use and embodied energy in materials. Green Business Certification Inc. (GBCI) administers EDGE certification in most countries around the world. Learn more at edge.gbci.org.