

# Building Materials Laboratory

Cement, concrete, rebar, timber, paper, paint, tile, adhesive, and etc. are used for buildings. Each material has the physical property and the chemical composition respectively. Designing buildings, it is very important for better buildings to understand each material characteristic.

Building Materials Laboratory has

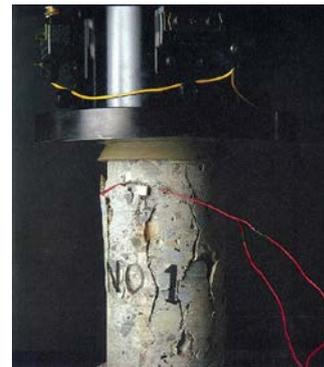
- ✓ Strength test facility
- ✓ Durability test facility
- ✓ Climate test facility
- ✓ Physically property test machine/ chemical analysis machine
- ✓ Concrete mixing, curing and test room
- ✓ Etc.

Study results from building materials laboratory could play for building safeness and durability better and for use resources and energy well, by linked other laboratory study results.



500t strength test machine with high rigidity

Strength test facility



Showing test schematically



Neutralization accelerator room



test schematic

Durability test facility



Ultraviolet accelerator facility



Chamber of Programming for temperature and humidity

Climate test facility



Concrete mixing room



Schematic concrete specimens making



Mixing plant

Concrete mixing, curing and test room