

StructuraAI Project Report

Material Quantities

Key	Value
wall_volume_cuft	15.0
estimated_bricks	202
estimated_steel_kg	37.5
plaster_area_sqft	30.0

Cost Breakdown

Key	Value
concrete_cost	1800.0
brick_cost	1616
steel_cost	2625.0
plaster_cost	750.0
total_project_cost	6791.0

Risk Summary

Key	Value
risk_score	48.0
risk_level	Moderate
breakdown	{'duration_risk': 14, 'critical_path_risk': 25.0, 'serial_chain_risk': 9, 'conflict_risk': 0, 'uncertainty_risk': 0}

Buildability Summary

Value
100

```
    nalty          0
    y_depth_penalty 14
    enalty          0
    n_penalty      10.5
    penalty         0
    y               9.6
    us              0.0
    65.9
    HIGH RISK
    ['wall_build_0', 'wall_cure_0', 'door_install_0_0', 'batch_0_0', 'door_install_0_2', 'batch_0_1', 'window_install_0_0', 'b
    h              10
    _normalized    0.48
```