

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 | 60.0 |
| risk_level | High |
| breakdown | {'duration_risk': 14, 'critical_path_risk': 25.0, 'serial_chain_risk': 9, 'conflict_risk': 0, 'uncertainty_risk': 12.0} |

Buildability Summary

| Value |
|-------|
| 100 |

| | |
|------------------|--|
| penalty | 0 |
| ty_depth_penalty | 14 |
| penalty | 0 |
| n_penalty | 10.5 |
| penalty | 0 |
| y | 12.0 |
| us | 0.0 |
| | 63.5 |
| | HIGH RISK |
| h | ['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 |
| | 10 |
| _normalized | 0.6 |

Schedule Summary

build_0', 'wall_cure_0', 'door_install_0_0', 'door_install_0_1', 'batch_0_0', 'door_install_0_2', 'door_install_0_3', 'batch_0_1', 'window_in