

Canadian War Museum Construction Fast Facts

Construction and Concrete

- **Amount of concrete:** 32,000 m³ (1.1 million ft³) weighing 80,000 tonnes (enough to pour 127,000 metres/417,000 feet of sidewalk)
- **Most concrete poured in one day:** 1,200 m³ (42,400 ft³)/200 truckloads/1,200 buckets
- **Average angle of walls:** 11 degrees (range: 3 degrees to 31 degrees)
- **Construction hours (estimated total for project):** 1.25 million
- **Construction workers on-site at peak time:** 350 to 400
- **Amount of reinforcing steel (rebar):** 3,750 tonnes (3,690 tons)
- **Hours to build and strip forms:** approx. 180,000

CWM Breakdown by Size

- **Size of the site:** 7.5 hectares (18.5 acres)
- **Footprint:** 19,000 m² (204,500 ft²)
- **Size of building:** 40,860 m² (440,000 ft²)
- **Height at peak of building:** 24.5 m (80 ft.)
- **Grass-covered portion of roof:** 10,620 m² (115,000 ft²)
- **Canadian Experience Galleries (permanent exhibition):** 5,028 m² (55,000 ft²)
- **Lieutenant-Colonel John McCrae Gallery:** 728 m² (7,850 ft²)
- **LeBreton Gallery:** 3,275 m² (35,250 ft²)
- **Memorial Hall:** 81 m², 9 m x 9 m (872 ft², 29.5 ft. x 29.5 ft.)
- **Barney Danson Theatre:** 390 m² (4,200 ft²)
- **Ateliers (4):** 470 m² (5,060 ft²)
- **Military History Research Centre:** 1,000 m² (10,760 ft²)

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