The Effect of Flake Ice in Concrete Cooling

Composition Per Cubic Meter (1m³) of Concrete

Aggregates, (5 MM - 20MM) .................................... 264 kg (582 lb)
Aggregates, (20 MM - 40MM) ............................. 807 kg (1779 lb)
Sand ................................................................. 680 kg (1499 lb)
Cement .............................................................. 370 kg (816 lb)
Retaining Water in Aggregates ............................. 0.5%
Retaining Water in Sand ....................................... 6%
Total Water Content .......................................... 195 kg (430 lb)
Cement Additives (Pozzolan) ......................... 13 kg (29 lb)
Components Temperature .......................... 40°C (104°F)

NOTE: Calculations based on common assumptions above. For specific calculations for your project, please contact North Star.
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