Wall Formwork
Rise Rate Calculations

Customer Name : BKH
Project Name : C. HOSP. RADIATION BUNKER
Project Number : 2019 - 20 - 0719514

DATE: Friday, 29 November 2019

Wet Concrete Density = 2500.00 kg/m³
Mix Minimum Temperature = 5.00 °C
Mix Maximum Temperature = 32.00 °C
Total Concrete Height = 3.90 m
Concrete Plan Width (B) = 1.00 m
Concrete Plan Length (L) = 22.40 m
Total Formwork Height = 3.90 m
Constituent Materials Coeff. (C₂) = 0.45

Max Concrete Pressure = 60.00 kN/m²

Calculation of Concrete Rise Rate (AS3610 : 95)

Project Details: 2019 - 20 - 0719514 - C. HOSP. RADIATION BUNKER

Concrete Density = 2500.00 kg/m³ / Pour Height = 3.90 m / C1 = 1.00 / C2 = 0.45

Max Concrete Pressure = 60.00 kPa