

1. INTRODUÇÃO

Memorial conforme NBR 6118:2023.

Cliente: Construtora ABC Ltda.

2. GEOMETRIA

• Base: $b = 20.0 \text{ cm}$

• Altura: $h = 50.0 \text{ cm}$

3. CÁLCULOS

3.1. Momento

EquationDoc(latex=Equation(M_k*\gamma_f, 2 variables, result=157.5), number='(1)', description='', id='94ea73bb-f98a-43a9-80b5-8121b903231b')

$M_d = 157.50 \text{ kN.m}$

3.2. Concreto

EquationDoc(latex=Equation(f_{ck}/\gamma_c, 2 variables, result=21.4286), number='(2)', description='', id='12a66010-15ab-4398-ad51-fdabbb3ba38d')

$f_{cd} = 21.43 \text{ MPa}$

4. CONCLUSÃO

Momento: **157.50 kN.m**