

str. 24 / úloha 115

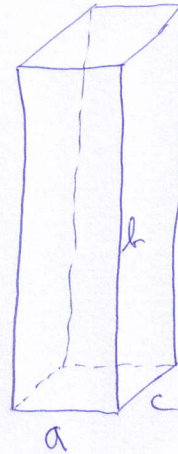
$$\rho = ? \left[\frac{\text{kg}}{\text{m}^3} \right]$$

$$a = 20 \text{ cm} = 0,2 \text{ m}$$

$$b = 2 \text{ m}$$

$$c = 20 \text{ cm} = 0,2 \text{ m}$$

$$m = 160 \text{ kg}$$



$$\rho = \frac{m}{V}$$

$$\rho = \frac{160}{0,08}$$

$$\rho = 2000 \frac{\text{kg}}{\text{m}^3}$$

$$V = a \cdot b \cdot c$$

$$V = 0,2 \cdot 2 \cdot 0,2$$

$$V = 0,08 \text{ m}^3$$

Hustota betonu je $2000 \frac{\text{kg}}{\text{m}^3}$.