

Concrete Blocks



Technical Data

Material	Concrete
Weight	1800 kg/m ³
Strength class	C12,5
Modulus of elasticity	21000 N/mm ²
Thermal conductivity	1,7 W/mK
Water absorption	10%
Fire resistance	REI 120
Sound insulation	40 dB

Block Description

Concrete blocks are used for the construction of walls, columns and foundations. They are made of concrete and are available in various shapes and sizes. They are easy to handle and can be used for a wide range of applications. They are also available in different colors and finishes.

Advantages

- High strength
- Good thermal insulation
- Fire resistance
- Sound insulation
- Easy to handle
- Available in various colors and finishes



[Building Material Leaflets](#)

MCR - Roofing System



Technical Data

Material	Aluminum
Weight	2700 kg/m ³
Strength class	6000 N/mm ²
Modulus of elasticity	70000 N/mm ²
Thermal conductivity	0,025 W/mK
Water absorption	0%
Fire resistance	REI 120
Sound insulation	40 dB

Block Description

The MCR roofing system is a modern and durable solution for residential and commercial buildings. It consists of a metal roof panel supported by a concrete structure. The system is easy to install and maintain, and it offers excellent thermal and sound insulation.

Advantages

- High strength and durability
- Good thermal and sound insulation
- Fire resistance
- Easy to install and maintain
- Available in various colors and finishes




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Author: Matthias Steiner
Date: 2010



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