

PRODUCT DATA SHEET

Holcim ThermoPact

DESCRIPTION

Holcim ThermoPact is a cement-based infra-lightweight concrete for load-bearing walls with integrated thermal insulation.

APPLICATION

Holcim ThermoPact is used for exterior exposed concrete walls. The concrete is produced directly on the jobsite with a mobile mixing unit.



Mobile Mixing Unit

ADVANTAGES

- High Durability
- Structural Concrete
- Exposed Concrete
- High Insulation
- Monolithic
- No composite system
- 100% recyclable

TESTS/APPROVALS

Single case approvals in six federal states.
The General approval has been applied for at the DIBt.



PRODUCT INFORMATION

Concrete composition	Cement, expanded glass, special additions and additives		
Grain size	$D_{\max} = 4 \text{ mm}$		
Consistency	C4, easy compacting concrete		
Compressive strength	Compressive strength class	LAC4	
	Declared characteristic compressive strength	5 MPa	
Raw density	Declared raw density	0.6	
	Declared mean value of raw density	570 kg/m ³	
Tensile strength	0.9 N/mm ²		
Modulus of Elasticity	3900 MPa		
Thermal conductivity	Acc. DIN EN 12664	$\lambda_{10,\text{tr}} = 0,125 \text{ W/m}\cdot\text{K}$	
		$\lambda_{23/80} = 0,143 \text{ W/m}\cdot\text{K}$	

HAZARD WARNING

See safety data sheet for cement-bound building materials.




Holcim ThermoPact

Der Infraleichtbeton.


www.mobiler-beton.de