

## TECHNICAL INSTRUCTION

**Product: MC5, Masonry cement**

**Strength class: 5, according to norm EN 413-1:2011**

### Product description and application:

Composition: minimum 25% of Portland cement clinker, up to 75% of mixed additives: mixture of limestone (LL) and slag (S); up to 1% of chemical additive; binding regulator (natural gypsum).

It is intended for the preparation of mortar for masonry, cement spray and coarse and fine plaster (for manual external and internal plastering).

### Delivery, transport and storage


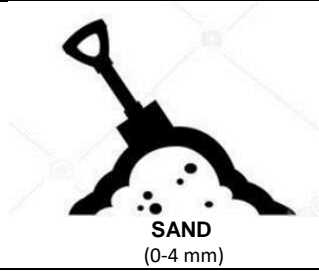

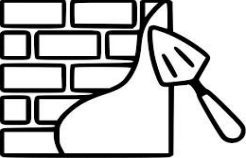

It is obligatory to transport the cement in the covered cargo area of the vehicle, protected from atmospheric agents (moisture). Store the bag with the product in a dry, weatherproof place, above ground on a pallet or other dry surface; stacking more than ten sacks in height is not recommended.

**Best before:** 12 months from the date of packing printed on the bag, if conditions of transport and storage are met

**Certificate of constancy of performance:** Issued by Institut IGH d.d. Zagreb

**Declaration of performance:** 2477-CPR-2767-NC05-001 from 09/01/2020. Declaration of performance available at: [www.nexe.hr/en](http://www.nexe.hr/en) / PRODUCTS&SERVICES/ Cement/ Declaration of performance MC5 (number: 2477-CPR-2767-NC05-001).

### Instructions for use

			
	1	3	The amount of water depends on the humidity of the sand
	1	3	

**Note:** proportions given in table are approximate. When dosing it is necessary to hold on to mortar project.

### Characteristics

Mechanical and physical properties:	MC5, NAMAL	EN 413-1
Air content (%)	13	≥ 8 ≤ 22
Water retention (%)	88	≥ 80
Soundness- Le Chatelier (mm)	0,4	≤ 10
Initial setting (min)	200	≥ 60
Fineness (sieve residue) on 0,09 mm (%)	10,5	≤ 15
Compressive strength after 28 days (MPa)	9	≥ 5 ≤ 15
<b>Chemical properties:</b>		
SO <sub>3</sub> (%)	1,7	≤ 2,5

Information regarding cement content and property values are characteristic and approximate.



The packaging must be collected separately. Disposal into mixed municipal waste is prohibited.



The content of water-soluble chromium (VI) <2 ppm  
A lowering agent of water-soluble chromium (VI) content was added to the cement.



**DANGER**

H318 Causes serious eye damage
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation
P102 Keep out of reach of children
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician
P302+P352+P333+P313: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention
P261+P304+P340+P312: Avoid breathing dust/fume/gas/mist/vapours/spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P501 Dispose of contents/container according to national regulations.

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