

PRODUCT DATA SHEET

# INDUSTRISEMENT

## CEM I 52,5 R

LAST VERSION JULY 2016

The cement satisfies the requirements according to NS-EN 197-1:2011 for Portland cement CEM I 52.5 R.

Properties		Declared values	Requirements according to NS-EN 197-1:2011
Fineness (Blaine m <sup>2</sup> /kg)		550	
Specific weight (kg/dm <sup>3</sup> )		3.13	
Soundness (mm)		1	≤ 10
Initial setting time (min)		110	≥ 45
Compressive strenght (MPa)	24 hrs	33	
	48 hrs	41	≥ 30
	7 days	50	
	28 days	59	≥ 52.5
Sulfate (% SO <sub>3</sub> )		≤ 4.0	≤ 4.0
Chloride (% Cl <sup>-</sup> )		≤ 0.085	≤ 0.10
Water soluble chromium (ppm Cr <sup>6+</sup> )		≤ 2	≤ 2 <sup>1</sup>
Alkalies (% Na <sub>2</sub> O <sub>ekv</sub> )		1,3	
Clinker (%)		96	95-100
Minor additional components (%)		4	0-5

1. According to EU regulation REACH Annex XVII point 47 Chromium VI compounds.

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