



Cemvision Re-ment™ Massive – The most resource efficient cement on the market

Re-ment Massive is an ultra-low carbon hydraulic binder using circular materials from other industries and designed to serve as a sustainable alternative to Ordinary Portland Cement (OPC) in a range of applications. Re-ment Massive offers high-performance concrete with a remarkably reduced carbon footprint. Unlike traditional cement, Re-ment Massive is produced with near zero calcination and relies instead on alternative industrial slags. Re-ment Massive conforms with the harmonized European standard EN15743 and First Movers Coalition's target embodied carbon below 184 kg CO₂e/ton.

Property		Actual
Compact density		2900 kg/m ³
Setting time (initial)		≥ 60 min
Compression strength (Mortar strength EN196-1)	2 d	≥ 10 MPa
	28 d	≥ 42.5 MPa
Heat of Hydration	7 d	≤ 220 KJ/kg
Sulfate content (SO ₃)		≥ 5.0 ≤ 12.0 %
Chloride content (Cl ⁻)		≤ 0.1 %
Soundness (expansion)		≤ 10 mm
Insoluble Residue (IR)		≤ 5.0 %
Loss of Ignition (LOI)		≤ 5.0 %
Water-soluble (Cr ⁶⁺)		≤ 2 PPM

Recommendations for use

- Curing, follow after treatment recommendations
- Do not mix with OPC material
- Do not pour in temperatures below +5°C during concrete maturation (12 hours)

Storage and shelf life

- Store in dry environment
- As the product is not chromate-reduced, its shelf life is not subject to the typical limitations associated with chromate reduction in cement

Safety data

For information and safety instructions, see safety data sheet.

Contact us

- info@cemvision.se
- www.cemvision.tech