

PRODUCT DATA SHEET

FLY ASH

ADDITIONAL COMPONENT

LATEST REVISION MARCH 2023

The Fly ash is certified according to the requirements in NS-EN 450-1, Class A

Properties	Declared values	Requirements according to NS-EN 450-1
Loss on ignition (%)	≤5.0	Satisfies requirements in NS-EN 450-1
Chloride (% Cl ⁻)	≤0.10	Satisfies requirements in NS-EN 450-1
Sulfate (% SO ₃)	≤3.0	Satisfies requirements in NS-EN 450-1
Free Calcium oxide (% free CaO)	≤1.5	Satisfies requirements in NS-EN 450-1
Reactive Calcium oxide (% reactive CaO)	≤10	Satisfies requirements in NS-EN 450-1
Particle density (kg/m ³)	2300	Declared value +/- 200 kg / m ³
Other chemical and physical parameters		Satisfies requirements in NS-EN 450-1

Heidelberg Materials Sement Norge AS handles sales and distribution of Fly ash for cement and concrete production. Fly ash is a processed residual product derived from coal power plants. Fly ash contains silicate, and is a pozzolan which together with cement and water, makes concrete denser. Combined with cement, fly ash has been used in Norway since the 1980s. All Heidelberg Materials' FA-cements contain fly ash.



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