

Contact person RISE

Lovise Sjöqvist  
Division Built Environment  
010 516 6885  
Lovise.sjoqvist@ri.se

Date

2024-02-08

Reference

O100634-1242099

Page

1 (2)

Heidelberg Materials Cement Sverige AB  
Box 47210  
100 74 STOCKHOLM  
Sweden

## Verification document for classification of cement (LA), the supplementary requirement regarding alkali content (equivalent Na<sub>2</sub>O) of maximum 0.5 wt-% (0.6 wt-%) and supplementary requirements regarding chloride content of maximum 0.04 wt-% according to DS/INF 135:2023

Issued for

### Heidelberg Materials Cement Sverige AB

Box 47210, SE-100 74 Stockholm, Sweden  
Organisation number: 556013-5864  
Tel: +46 (0)8 625 68 00  
E-mail: [info.cement.swe@heidelbergmaterials.com](mailto:info.cement.swe@heidelbergmaterials.com)  
Website: <https://cement.heidelbergmaterials.se/>

#### Product description

Portland-fly ash cement CEM II/A-V 42,5 N - Slite, certificate number 0402 – CPR – SC1082-14, which fulfils the requirements of SS-EN 197-1:2011.

#### Trade name

Portland-fly ash cement CEM II/A-V 42,5 N – MH/LA/NSR – Slite

#### Intended use

Preparation of concrete, mortar, grout and other mixes for construction and for the manufacture of construction products.

#### Verified properties

The product has been verified against the requirements according to DS/INF 135:2023 for:

- Classification (LA)
- The supplementary requirement regarding alkali content (equivalent Na<sub>2</sub>O) of maximum 0.5 wt-% (0.6 wt-%)
- The supplementary requirement regarding chloride content of maximum 0.04 wt-%

The verification of alkali content, Na<sub>2</sub>O-ekv have been determined by testing all constituents except fly ash mixed together before fly ash is added. This is a deviation from the standard.

#### RISE Research Institutes of Sweden AB

Postal address  
Box 857  
501 15 BORÅS  
SWEDEN

Office location  
Brinellgatan 4  
504 62 Borås

Phone / Fax / E-mail  
+46 10-516 50 00  
+46 33-13 55 02  
[info@ri.se](mailto:info@ri.se)

Confidentiality level

C2 - Internal

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**Control**

The manufacturers autocontrol according to DS/INF 135:2023 will be monitored in 2024 by RISE Research Institutes of Sweden AB. RISE is a notified body (number 0402) for product certification against EN 197-1. The control is carried out by RISE Infrastructure and Concrete technology. The control also includes evaluation of audit testing of alkali content, carried out by RISE and Heidelberg Materials Cement AB on audit samples on the cement before adding fly ash, taken by RISE at frequencies specified in DS/INF 135:2023. The control also includes evaluation of audit testing of chloride content, carried out by RISE and Heidelberg Materials Cement AB on audit samples on the final cement, taken by RISE at frequencies specified in EN 197-1:2011.

**Manufacturing plant**

Owner: Heidelberg Materials Cement Sverige AB  
Site: Heidelberg Materials Cement Sverige AB, Slite  
Product identification: Portland-fly ash cement EN 197-1 – CEM II/A-V 42,5 N – MH/LA/NSR – Slite

**Assessment basis:**

Documents from RISE AB:

- Report P117271-12 SLFA3 dated 2023-12-20 (test report from 2023)
- Report P117271 utv 1 SLFA dated 2023-10-16 (evaluation for 2022/2023)

Documents from Heidelberg Materials Cement Sverige AB:

- Documented autocontrol of Na<sub>2</sub>O-ekv excluding fly ash covering November 2023 to January 2024
- The manufacturers audit sample test result from 2023 (one sample)

**Verification**

The product fulfils the requirements on alkali content classification (LA), the supplementary requirement regarding alkali content (Na<sub>2</sub>O-equiv) of maximum 0.5 wt-% (0.6 wt-%) and the supplementary requirement regarding chloride content of maximum 0.04 wt-% according to DS/INF 135:2023.

**Comments**

The product is CE-marked, declaration of performance Nr 0402-DoP-SE13-SC1082-14 dated 2023-12-19, and fulfils the requirements in EN 197-1:2011 and EN 197-2:2000. The manufacturer have a verification document regarding the properties MH, LA, NSR according to SS 134202, SS 134203 och SS 134204.

**Period of validity**

This verification document is valid until December 31, 2024

**RISE Research Institutes of Sweden AB  
Infrastructure and Concrete technology – Material Lab**

Issued by



Lovise Sjöqvist

# Verifikat

Transaktion 09222115557510287453

## Dokument

Intyg Anl FA Slite mot DS\_INF 135\_2023

Huvuddokument

2 sidor

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Sjöqvist (LS)

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## Signerare

Lovise Sjöqvist (LS)

RISE Research Institutes of Sweden AB

Org. nr 556464-6874

lovise.sjoqvist@ri.se

+46 10 516 68 85



Signerade 2024-02-08 15:38:02 CET (+0100)

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