

Contact person RISE

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

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Reference

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Page

1 (2)

Heidelberg Materials Cement Sverige AB  
Box 47210  
100 74 STOCKHOLM  
Sweden

**Verification document for moderate heat of hydration (MH)  
according to SS 134202:2021, low alkali content (LA) according to  
SS 134203:2025 and national sulfate resistance (NSR) according to  
SS 134204:2025**

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, CE certificate number 0402 – CPR – SC1082-14, which fulfils the requirements of SS-EN 197-1:2011.

**Unique identification code of the product type**

Portland-fly ash cement EN 197-1 CEM II/A-V 42,5 N – Slite

**Designation according to SS 134202, SS 134203 och SS 134204**

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 .

**Verification**

The product has been verified against the requirements for:

- Moderate heat of hydration (MH) according to SS 134202:2021  
(heat of hydration  $\leq$  320 J/g at 7 days, characteristic value, determined according to SS-EN 196-11:2019)
- Low alkalinity (LA) according to SS 134203:2025  
(characteristic value of  $\text{Na}_2\text{O}_{\text{eq}}$  in the Portland cement clinker is  $\leq 0,6\%$  )
- National sulfate resistance (NSR) according to SS 134204:2025  
( $\text{SO}_3$  content in the cement  $\leq 3,0\%$ , characteristic value  
 $\text{C}_3\text{A}$  content in the Portland cement clinker  $\leq 3\%$ , characteristic value)

**RISE Research Institutes of Sweden AB**Confidentiality level  
C2 - InternalPostal address  
Box 857  
501 15 BORÅS  
SWEDENOffice location  
Brinellgatan 4  
504 62 BoråsPhone / Fax / E-mail  
+46 10-516 50 00  
+46 33-13 55 02  
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**Control**

The manufacturers autocontrol will be monitored in 2026 by RISE Research Institutes of Sweden AB. RISE is a notified body (number 0402) for product certification against SS-EN 197-1. The control is carried out by RISE Infrastructure and Concrete technology. The control includes evaluation of tests (carried out by RISE and Heidelberg Materials Cement Sverige AB) with regard to heat of hydration and sulfate content on audit samples of the cement, taken by RISE six times per year. The verification of alkali content and C<sub>3</sub>A content is carried out based on the manufacturers documented autocontrol and is not determined on audit samples, since these requirements, according to the standards, are related to the Portland cement clinker.

**Producing factory**

Owner: Heidelberg Materials Cement Sverige AB  
Factory: Heidelberg Materials Cement Sverige AB, Slite

**Assessment basis:**

Documents from RISE AB:

- Report P120889-08 SL dated 2024-11-05 (test report for 2024)
- Report P120889-10 SL dated 2025-01-23 (test report for 2024)
- Report P120889-12 SL dated 2025-02-17 (test report for 2024)
- Report P124270-02 SL dated 2025-10-09 rev (test report for 2025)
- Report P124270-04 SL dated 2025-10-09 rev (test report for 2025)
- Report P124270-06 SL dated 2025-10-09 rev (test report for 2025)
- Report P124270 utv 1 SLFA dated 2025-10-08 rev (evaluation for 2024/2025)

Documents from Heidelberg Materials Cement Sverige AB:

- Documented autocontrol covering July 2024 to June 2025
- The manufacturers audit sample test results during 2024/2025 (six samples)

**Verification**

The product fulfils the requirements for moderate heat of hydration (MH) according to SS 134202:2021, low alkali content (LA) according to SS 134203:2025 and national sulfate resistance (NSR) according to SS 134204:2025 as well as the requirements of third part control in AMA Anläggning 23 chapter EBE 1.

**Comments**

The product is CE-marked, declaration of performance Nr 0402-DoP-SE13-SC1082-14 dated 2023-12-19, and fulfils the requirements in SS-EN 197-1:2011 and SS-EN 197-2:2000.

**Period of validity**

This verification document is valid until December 31, 2026

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

Issued by



Lovise Sjöqvist

# Verifikat

Dokument-ID 09222115557565009227

## Dokument

Anl FA Slite eng 2026

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.sjöqvist@ri.se

+46 10 516 68 85



Signerade 2025-12-15 15:49:12 CET (+0100)

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