



Heidelberg Materials UK
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 Padeswood Works
 1333-CPR-00255



Cement Test Report

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Results of tests made at the laboratories of the company on samples of
 Padeswood PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Padeswood during week ending 24-Dec-23 (Week No. 2023-51)
 and during week ending 03-Dec-23 (Week No. 2023-48) for 28 day results

| Date | Fineness Specific Surface (m ² /kg) | Setting Time Initial (mins) | Soundness Expansion (mm) | Compressive Strength | | | Chloride % | Alkali | |
|-----------|--|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|---------------------------------|---------------|---|-----------------------|
| | | | | 40mm x 40mm x 160mm Mortar prisms | | | | Certified Average Alkali % Na ₂ O eq | Standard Deviation |
| | | | | 2 Days (N/mm ²) | 7 Days (N/mm ²) | 28 Days (N/mm ²) | | | |
| Average | | | | | | | | | |
| 28-Nov-23 | 490 | 185 | 1 | 30.0 | 48.0 | 60.5 | 0.03 | 0.54 | 0.04 |
| 01-Dec-23 | 455 | 190 | 0 | 29.5 | 48.0 | 60.5 | 0.03 | 0.54 | 0.04 |
| Average | 475 | 190 | 1 | 30.0 | 48.0 | 60.5 | 0.03 | | 0.04 |

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)
 Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
 HEIDELBERG MATERIALS UK

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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