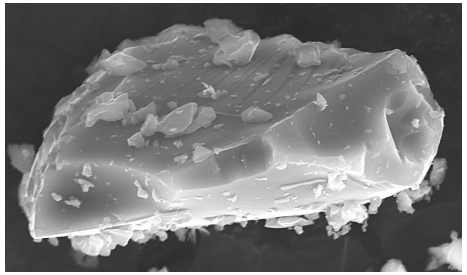
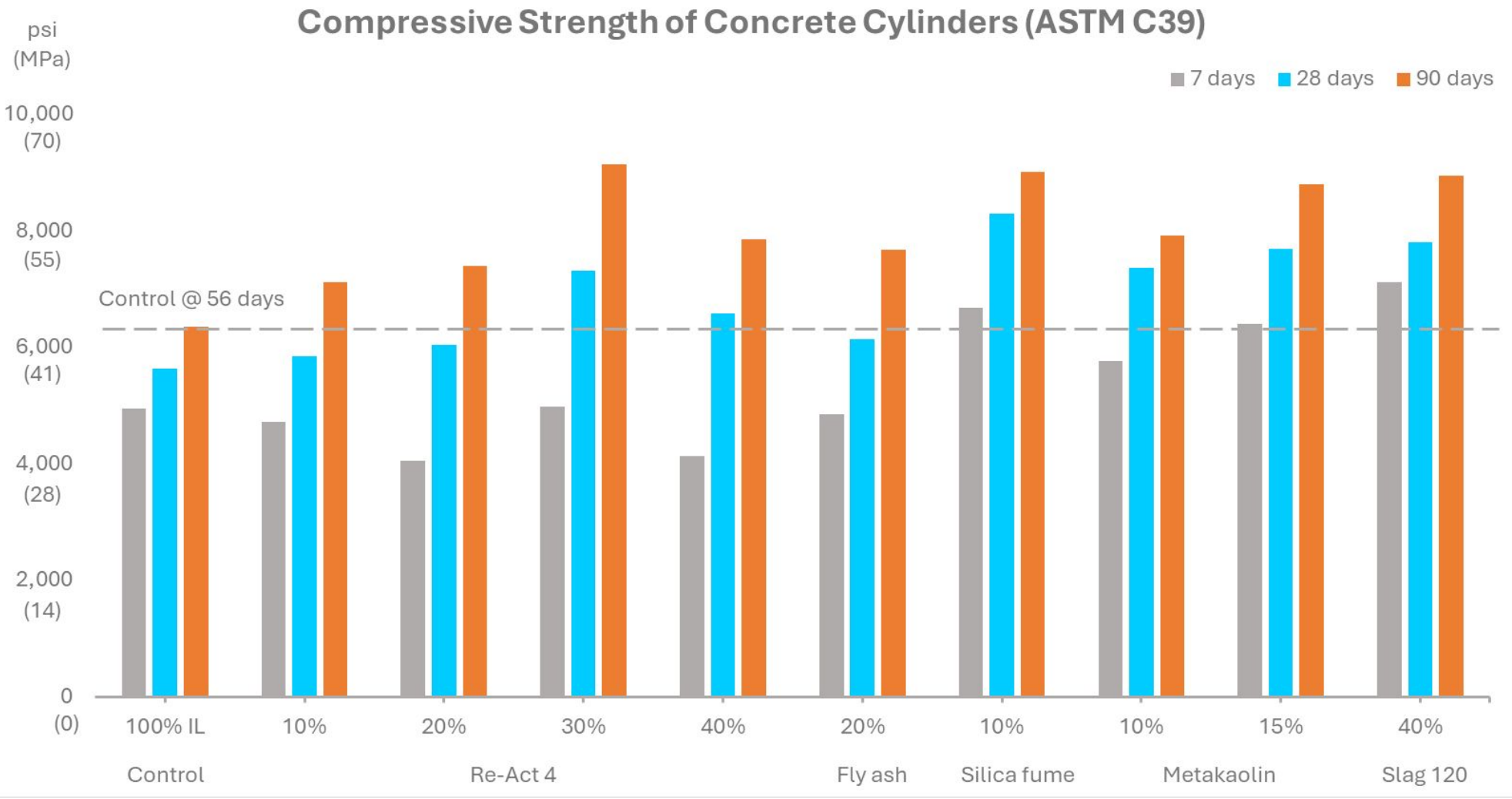
- **Re-Act 4** exhibits remarkable potential in enhancing concrete performance.

30% Re-Act 4

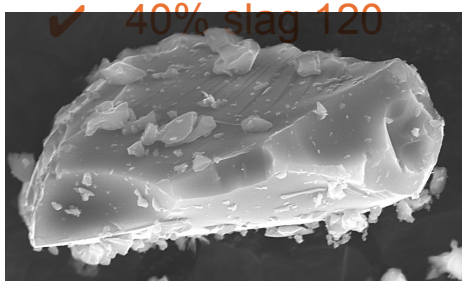
- Outperforms
  - ✔ 100% PLC Type IL
  - ✔ 20% fly ash
- Performs comparable to
  - ✔ 10% silica fume
  - ✔ 15% metakaolin
  - ✔ 40% slag 120



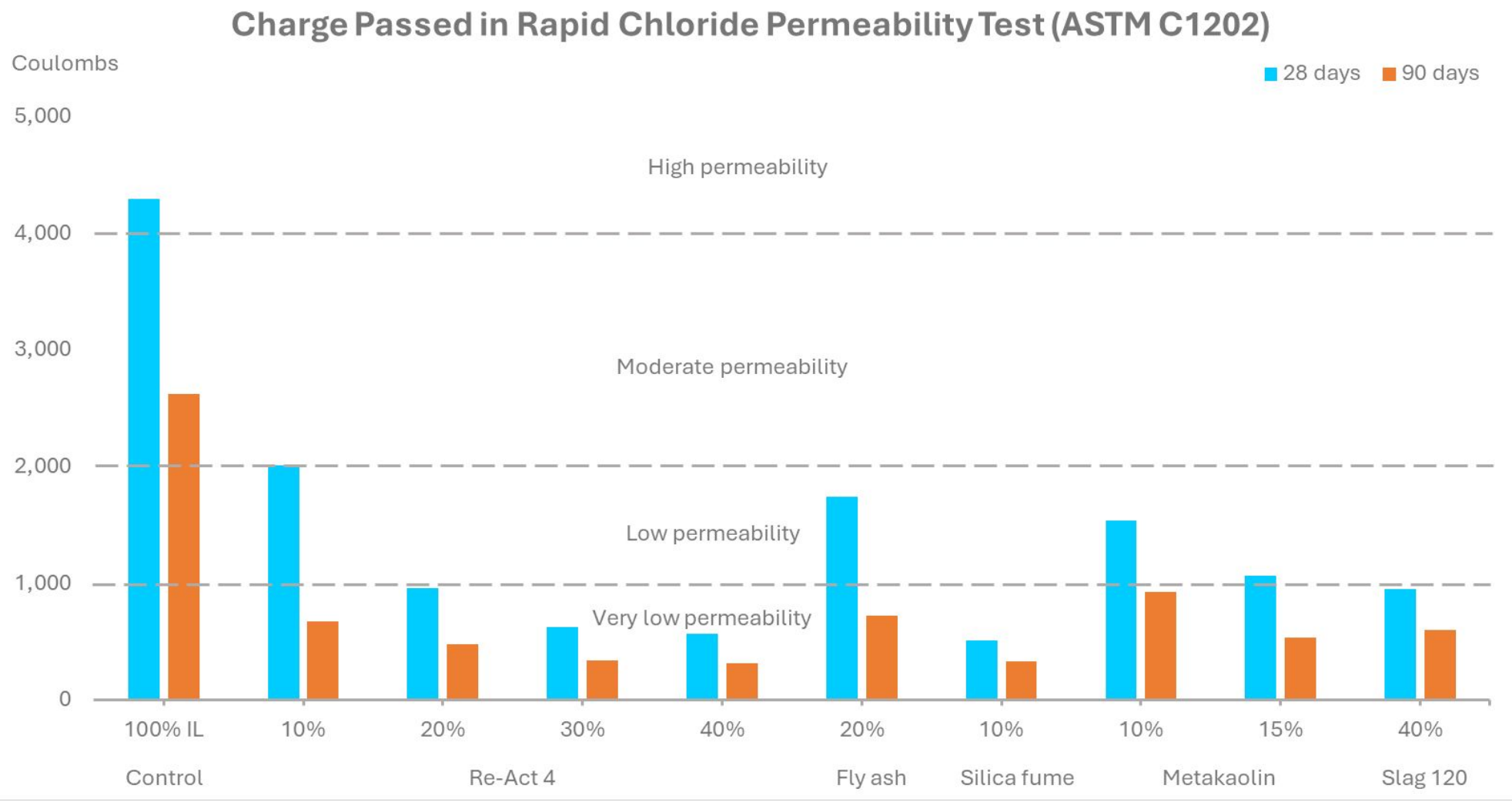
Electron micrograph of Re-Act 4



- **Re-Act 4** substantially lowers concrete chloride permeability.
- The higher the **Re-Act 4** content of concrete, the lower the permeability.
- **40% Re-Act 4** outperforms
  - ✔ 100% PLC Type IL
  - ✔ 20% fly ash
  - ✔ 15% metakaolin
  - ✔ 40% slag 120



Electron micrograph of Re-Act 4



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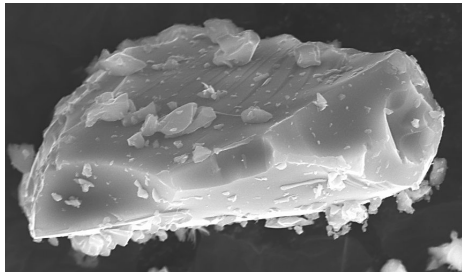
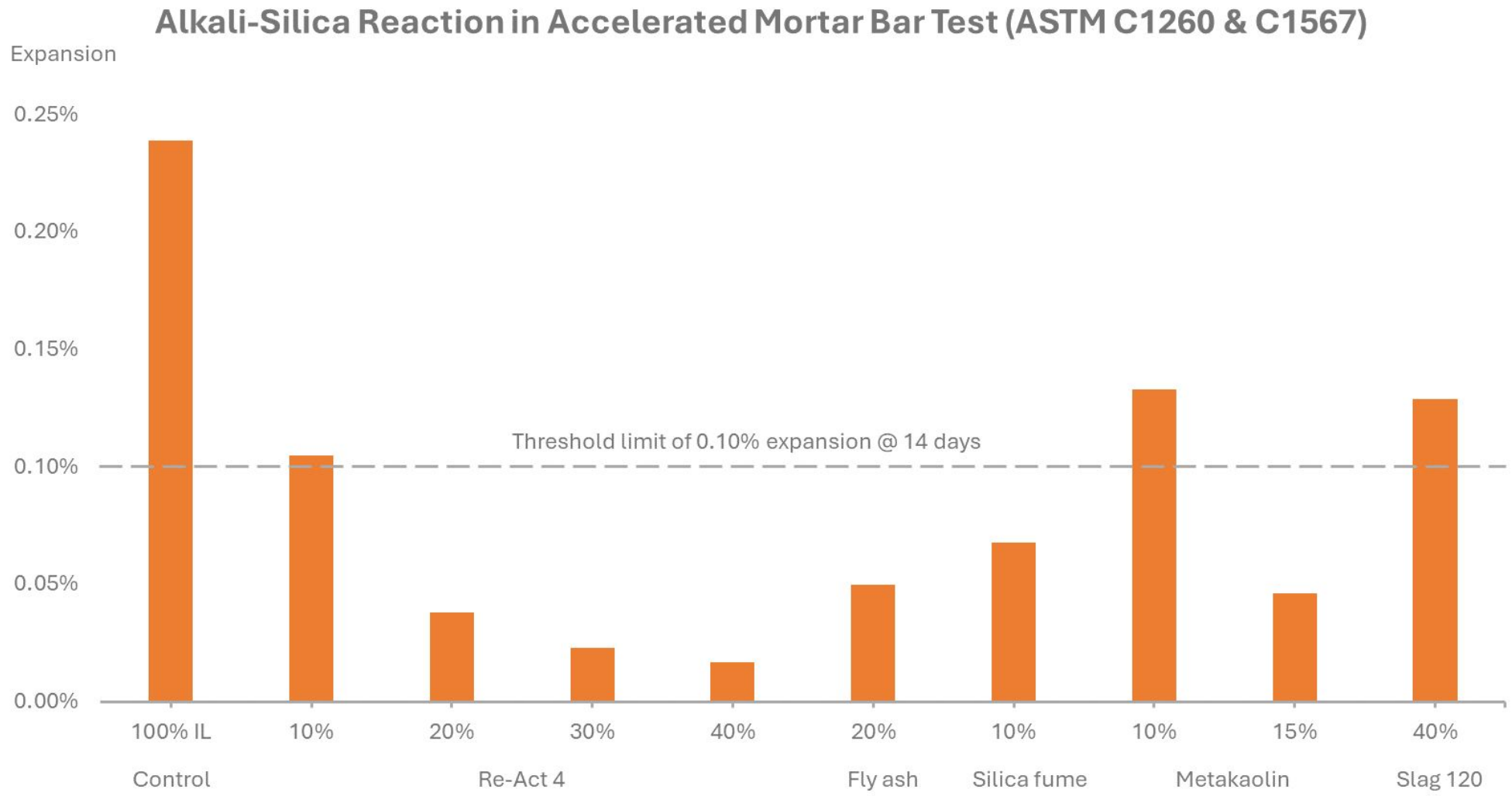
- With increasing replacement of PLC Type IL with **Re-Act 4**, ASR-induced expansion reduces exponentially.

20% or more Re-Act 4

- ✔ Significantly mitigates deleterious ASR.
- ✔ Conforms to the threshold expansion limit in ASTM C1567.



Electron micrograph of Re-Act 4



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A comprehensive concrete performance testing was conducted over the past few years by an independent third-party testing laboratory to ensure impartiality and accuracy. The accredited laboratory adheres to strict standards and protocols, providing reliable and unbiased results that are not influenced by any internal factors.