

Ettringite - $\text{Ca}_6\text{Al}_2(\text{SO}_4)_3(\text{OH})_{12} \cdot 26\text{H}_2\text{O}$

Hardness: 2 - 2.5. Cleavage: Perfect. May be sensitive to sonication. Slightly attacked by water, although water solutions have often been used to clean this mineral without damage. Rapidly soluble in dilute acids. Attacked by soap, detergents and alkalis.

References

Mindat: <https://www.mindat.org/min-1414.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/ettringite.pdf>

Hardinger, S. (2025) Mineral Specimen Cleaning and Development for the Amateur, 339 p.

Rohner, T. (2000) Properly clean minerals online cleaning book.

www.strahlen.org/stepbystep/mineralien-reinigung2.pdf. In German.

Sinkankas, J. (1972) Gemstone & Mineral Data Book, 346 p. Winchester Press, New York.

Wight, Q. (1993) The Complete Book of Micromounting, 281 p. Mineralogical Record, Tucson, Arizona.