

Ramsbeckite - $(\text{Cu,Zn})_{15}(\text{SO}_4)_4(\text{OH})_{22} \cdot 6\text{H}_2\text{O}$

Hardness: 3.5. Cleavage: None observed. May be sensitive to acetic acid, formic acid, tartaric acid or citric acid. Very sensitive to NH_3 and other alkalis. May be sensitive to dithionite.

References

Mindat: <https://www.mindat.org/min-3358.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.