

## Stilbite group - $\text{NaCa}_4(\text{Si}_{27}\text{Al}_9)\text{O}_{72} \cdot 28\text{H}_2\text{O}$

Hardness: 3.5 - 4. Cleavage: Perfect. Tolerates sonication. Rapidly attacked by acids including HCl. Avoid strong detergents, soap,  $\text{NH}_3$  and hot alkali. Tolerates any dithionite recipe. Tolerates EDTA. Becomes frosty after 24 hours with  $\text{NH}_4\text{HF}_2$ .

A group of similar zeolites expected to have similar physical and chemical properties. Data given here for stilbite-Ca.

Varieties/related species (treat same as stilbite): Epidesmine.

### References

Mindat: <https://www.mindat.org/min-3785.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/stilbite-Ca.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](http://www.strahlen.org/stepbystep/mineralien-reinigung2.pdf). In German.

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