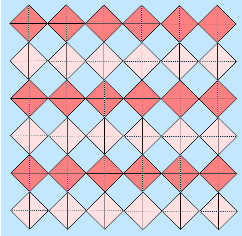
7. Schicht(Phyllo)-Silicate

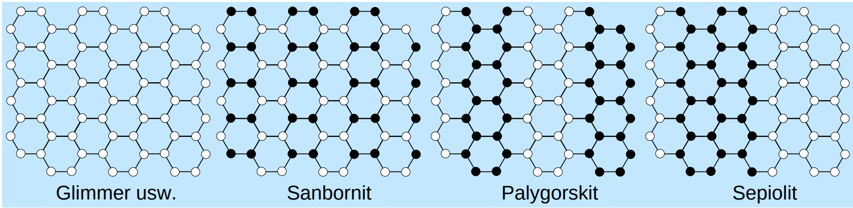
7.1. Schichten aus Einereinfachketten

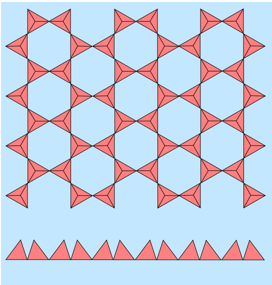


z.B. in $BaMnSe_2$

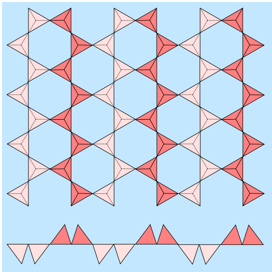
7.2. Schichten aus Zweiereinfachketten

(6^3-Netze)

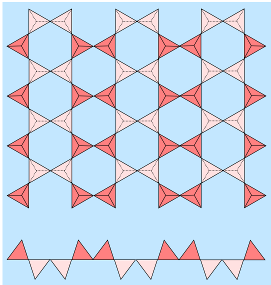




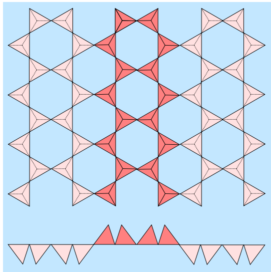
Talk, Glimmer usw.



$Li_2Si_2O_5$



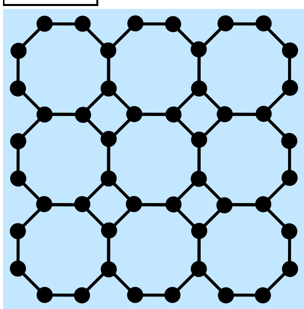
$Ba_2[Si_4O_{10}]$ (Sanbornit)



$Mg_5[Si_8O_{20}]$ (Palygorskit)

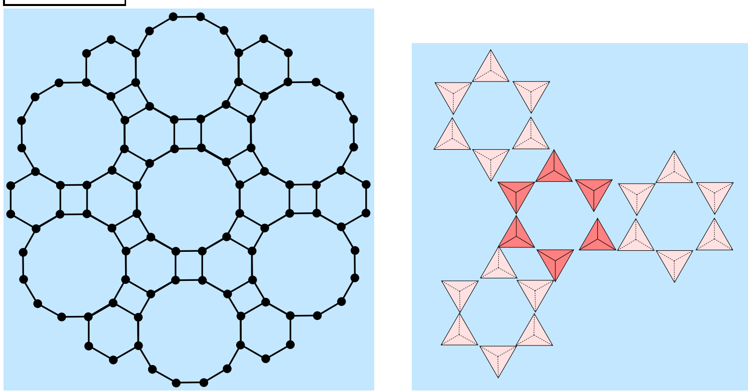
7.3. Weitere Schichtsilicate (Kräuselschichten, Wellenschichten)

$\boxed{(4.8^2)}$



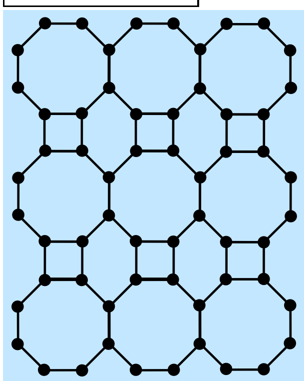
Gillespit $BaFe[Si_4O_{10}]$, Ägyptischblau $CaCu[Si_4O_{10}]$, Apophyllit $Ca_4K[Si_8O_{20}]F \cdot 8H_2O$

$\boxed{(4.6.12)}$



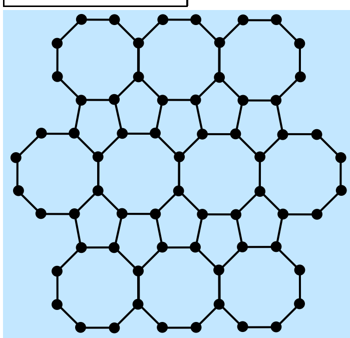
Manganpyrosmalit $Mn_{16}[Si_{12}O_{30}](OH)_{18}Cl_2$

$\boxed{(6.8^2)(4.6.8)_2}$



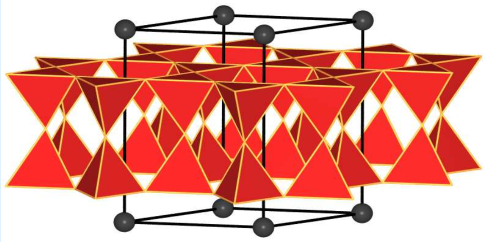
Dalyit $K_{1.7}Na_{0.3}Zr[Si_6O_{15}]$

$\boxed{(5.8^2)(5^2.8)_2}$



Okenit $Ca[Si_2O_5] \cdot 2H_2O$

7.4. Doppelschichten (Diphyllosilicate)



$Ba[Al_2Si_2O_8]$