

First Entire  
Refrig. Refrig.

CHALK, with

Gypsum - - 10000 to 6667—7920

GYPSUM, with

Wood - - 10000 to 8000—5260  
Pumice-stone - - — to 7009—4560

WOOD, with

Pumice-stone - 10000 to 8750—8182

Notwithstanding the assiduity I used in my experiments, and the care I took to render the relations exact, I own there are still some imperfections in the foregoing table ; but the defects are trivial, and do not much influence the general results ; for example, it will easily be perceived, that the relation of zinc to lead being 10,0000 to 6,051, that of zinc to tin should be less than 6,000, whereas it is found 6,777 in the table. It is the same with respect of silver to bismuth, which ought to be less than 6,308, and also with regard of lead to clay, which ought to be more than 8,000, but in the table is only 7,878. This difference proceeded from the leaden and bismuth bullets not being always the same ; they melted, as well as those of tin and antimony, and, therefore, could not fail to produce variations, the greatest