

BY ROBERT T. RASMUSSEN.

These figures show that sheet cork is the best nonconducting material, hence the best insulator. Now as to the method of using these materials. One partition construction consists of two 1" tongued and grooved spruce boards, with waterproof paper between; a dead air space, then two 1" spruce boards with paper again, and so on, until three 1" dead air spaces have been formed, making a partition 11" thick and consisting of eight

Sheet cork is the ideal insulator. It has no capillary attraction, is practically fire-proof and odorless, easily applied and very light in weight. It contains innumerable air cells that are closed by the binding substance, thus securely entrapping the air and forming the only dead air space that can be depended upon. In conclusion, it has been found that an air space 1" deep is as efficient as one 3" or more. The depth has nothing to do with the efficiency, but, as has been said before, it is next to impossible to hermetically seal any dead air space—it is safe to say absolutely impossible; therefore, no dependence should be placed any dead air construction. — Architect and Builders' Journal.

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