

SUMMARY

This lecture looks in detail important lightweight materials and their application as roofing material due to their lightweight nature besides other advantages they offer. Also dealt with in this lecture are flowing materials in general and also sealants and their role and properties. Light weight roofing systems are widely applicable in a variety of contexts and provide advantages for the same. Corrugated galvanized iron, PTFE and polycarbonate are three important materials used in lightweight roofing system. famous instances of their application are also discussed to understand an example of their application further also understand their properties which make them advantages and also discussed are other applications of the same. Materials for flooring other than just serving as a floor finish are discussed, such as application to areas of high traffic, industries etc. Finally, the role and application of sealants are also studied