



### POLYURETHANE FOAM / P.U.F

#### Polyurethane Foam Slabs / Pipe Sections :

PU Foam is a rigid cellular polyurethane of low specific gravity with predominately closed cell structure. Cellular polyurethanes are specific type of polymers produced from compounds containing active hydrogen atoms. These may be either polyesters or polyether based polyols.



#### Uses

Polyurethane foams have unique properties like high strength to weight ratio, low thermal conductivity, low water vapour transmission, buoyancy and ideal electrical properties.

#### Polyurethane foams is used in refrigeration/air conditioning in the form of Pipe Sections / Slabs.

The high buoyancy of polyurethane foam accounts for its widespread use in void filling in boats, ships, life boats and in making panels for construction of floating air strips for helicopters. Polyurethane foams can withstand temperatures of upto 90°C. It is resistant to hot bitumen, eg., during the laying of roof insulating slabs and such kind of behaviour prove its heat stability.