

## Topic 10 ROOFING

Practical Exercise -2:

*Working with a sample table*

The most frequently used coating materials on roofs are given below. Make a table by researching the performances of these materials according to the following criteria and share them with your classmates.

### Coating Materials used on Roofs

1. Metal Based Coating Materials
2. Clay Based Coating Materials
3. Cement Based Coating Materials
4. Bitumen Based Coating Materials
5. Plastic Based Coating Materials
6. Glass Coating Materials
7. Natural Stone Coating Materials
8. Herbal Coating Materials
9. Soil Coating Materials

### The Criteria Considered when Examining the Performance of Roofing Materials

- the dimensions of the material,
- weight,
- strength,
- unit price,
- thermal conductivity,
- sound conductivity,
- the content of the material,
- requirement of insulating materials in use,
- the type of structures (such as building, market places),
- water impermeability,
- freeze-thaw,
- corrosion,
- fire resistance,
- assembly and transportation

	Metal Based Coating Materials	Clay Based Coating Materials	Cement Based Coating Materials	Bitumen Based Coating Materials	Plastic Based Coating Materials	Glass Coating Materials	Natural Stone Coating Materials	Herbal Coating Materials	Soil Coating Materials
The dimensions of the material									
Weight									
Strength									
Unit price									
Thermal conductivity									
Sound conductivity									
The content of the material									
Requirement of insulating materials in use									
The type of structures (such as building, market places)									
Water impermeability									
Freeze-thaw									
Corrosion									
Fire resistance									
Assembly and transportation									