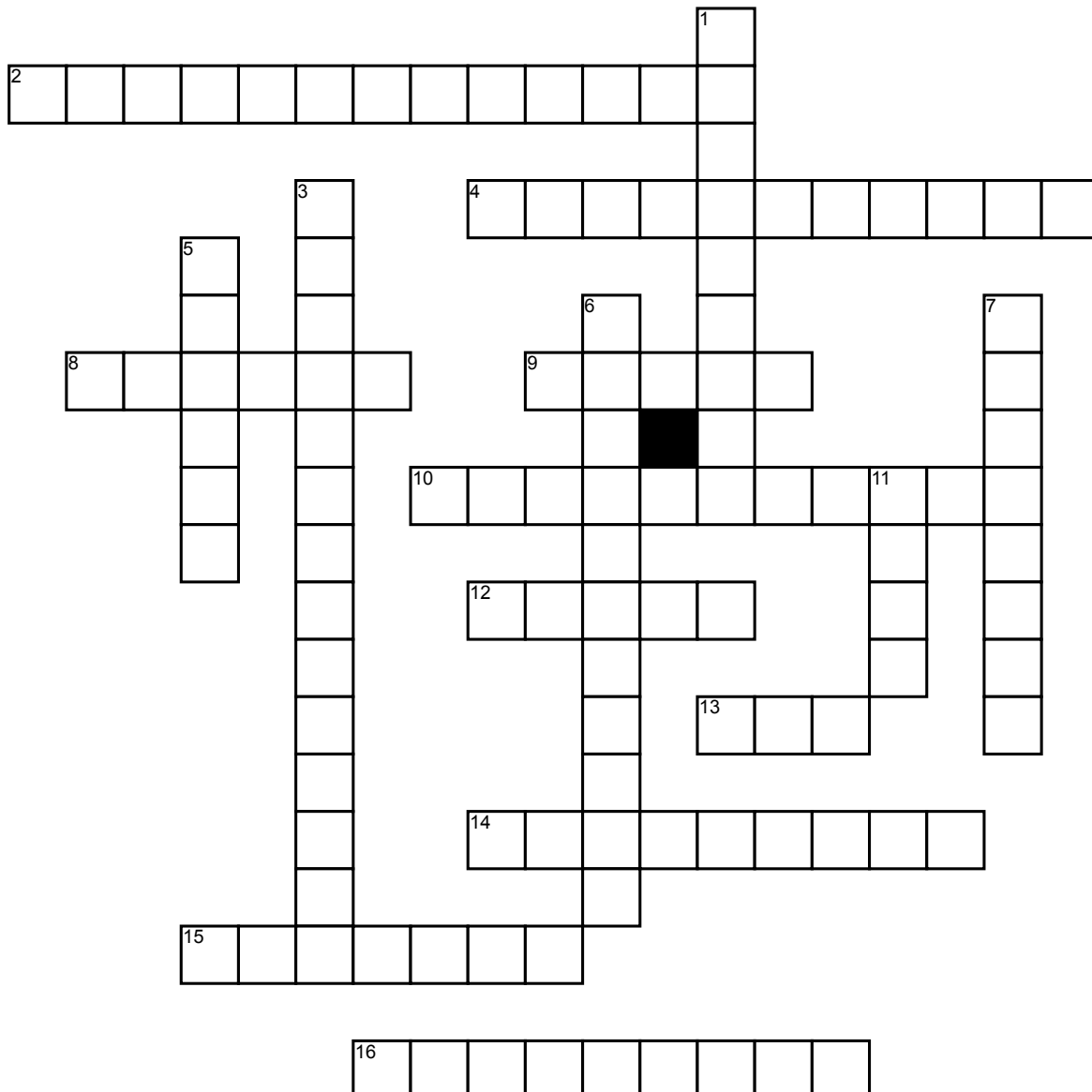


Materials Review



Across

2. This type of plastic cannot be reformed after it has set
 4. This describes what happens to wood due to termites
 8. Chapter 10 of the IBC deals with this
 9. This is used to strengthen concrete subjected to tension stresses
 10. Concrete is ideal for carrying this type of loading
 12. This type of cement produces the fastest rate of hydration

13. This abbreviated moisture content is most critical when designing with wood
 14. These types of cracks form in concrete as moisture evaporates during drying
 15. This type of construction uses brick and mortar
 16. Business Group B is an example of this type of classification

Down

1. Concrete is primarily composed of this material

3. This material property is directly related to the stiffness of a material and is the slope of the linear part of a stress-strain curve
 5. This element has the greatest impact on the mechanical behavior of steel
 6. This property of asphalt has the greatest influence on all other properties
 7. This factor is used in Chapter 5 of the IBC when determining the maximum building size
 11. This is the main element in steel