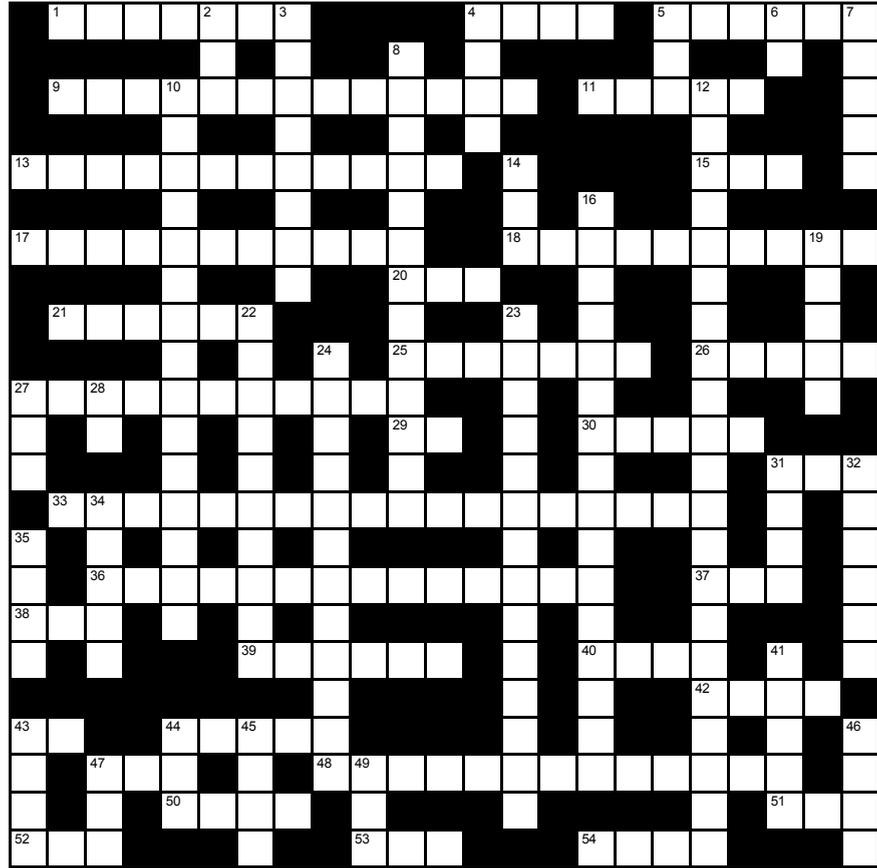


Across

- 1. To bend or deform under weight
- 4. A cardboard rectangular box that is installed between the earth and the concrete foundation wall
- 5. Narrow strips of wood used to cover joints
- 9. The process where a building component is made totally resistant to the passage of water and/or water vapor
- 11. The "wetness" of concrete
- 13. A quality underlayment for added protection in the heavy water flow areas of a roof
- 15. A single figure rating which provides an estimate of the impact sound insulating performance of a floor-ceiling assembly, abbrev.
- 17. A metal "U" shaped item used to support the end of a floor joist and attached with hardened nails to another bearing joist or beam
- 18. A curved fitting that connects the closet flange to the toilet drain
- 20. An angled fitting that alters the direction of the water line
- 21. Structural building components that can be used as rafters with two key parts- flanges and webs
- 25. Black fibrous board that is used as exterior sheathing
- 26. To go into an area to observe all visible components
- 27. When two layers of 2x4's are placed on top of studs in framing a wall
- 29. A type of Romex cable
- 30. A trim board that is installed beneath a window sill
- 31. A pesticide that is forced into wood under high pressure to protect it from termites, other wood boring insects, and decay caused by fungus, abbrev.
- 33. An agreement with a set price for the work
- 36. A top view drawing of a building or roof showing only the perimeter drawn to scale
- 37. A set of rules governing safe wiring methods, abbrev.
- 38. A T-shaped fitting with three openings
- 39. Metal or wood trough at the eaves of a roof to carry the rain water from the roof to the downspout
- 40. Sometimes called a Hurricane Clip
- 42. Temporary structure erected to contain concrete during placing and initial hardening
- 43. A moisture-resistant thermoplastic conductor that can be used in dry or wet locations, has no outer covering and is not heat-resistant, abbrev.
- 44. Microscopic plants that live in damp wood and cause mold, stain, and decay
- 47. Special devices capable of opening a circuit when even a small amount of current is flowing through the grounding system
- 48. Metal saddles used to strengthen a bearing wall/vertical stud(s) where a plumbing drain line has been cut through and installed



- 50. The four major components of monthly housing payments, abbrev.
 - 51. A house built for the purpose of one family, as opposed to multi families such as a duplex or apartment complex, abbrev.
 - 52. Revolutions per minute, abbrev.
 - 53. A term to denote the number of thicknesses or layers of roofing felt, veneer in plywood, or layers in built-up materials
 - 54. The joining of components together by fusing
- Down**
- 2. It is figured by dividing BTU hours by watts, abbrev.
 - 3. Applying direct flame to a membrane for the purpose of melting, heating, or adhering
 - 4. A pipe or duct which allows flow of air as an inlet or outlet
 - 5. A measure of the capacity of a heating or cooling system, abbrev.
 - 6. Manufactured structural building component resembling the letter "I"
 - 7. A crosswise rabbet at the end of a board
 - 8. A white powder on the surface of walls due to evaporation of water. It forms on the surface of bricks

- 10. The trench or area in the yard where the electric service line (from a transformer or pedestal) is located
- 12. Weight of the water contained in the wood, usually expressed as a percentage of the weight of the oven dry wood
- 14. A single number rating derived from individual transmission losses at specified test frequencies, abbrev.
- 16. A common form of heating with natural gas, propane, oil, or electricity as a fuel. Air is heated in the furnace and distributed through a set of metal plastic ducts to various areas of the house
- 19. A post to which the end of a stair railing or balustrade is fastened.
- 22. The finished mopping of hot bitumen on a built-up roof
- 23. The outdoor component of a cooling system
- 24. The area in front of a building between the sidewalk and the street usually landscaped with grass
- 27. The pipes in a plumbing system that remove waste water, abbrev.
- 28. A private research firm located in the United States that attempts to classify and determine the safety of various materials and products, abbrev.
- 31. Plastic water piping, abbrev.
- 32. A space between roof insulation and roof boards provided for movement of air
- 34. The interest rate or adjustment

- standard that determines the changes in monthly payments for an adjustable rate loan
- 35. The small, soft core at the original center of a tree around which wood formation takes place
- 41. A frame or jointed structure designed to act as a beam of long span, while each member is usually subjected to longitudinal stress only-either tension or compression
- 43. A ribbed "T" shaped bar with a flat metal plate at the bottom that is driven into the earth
- 44. Standard threads that are on the inside of a pipe fitting, abbrev.
- 45. A formal document showing the existence of a debt and stating the terms of repayment
- 46. Architectural coating, like Kynar Coating, abbrev.
- 47. The unit of measurement by which the flow rate of faucets and showerheads is measured and regulated, abbrev. Also a fixed-rate, fixed-schedule loan
- 49. To extend one material partially over another; also, the distance so extended