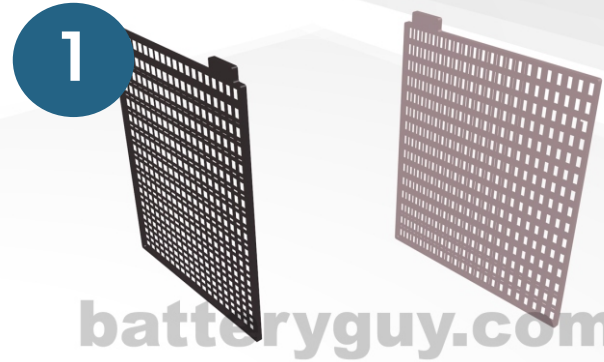


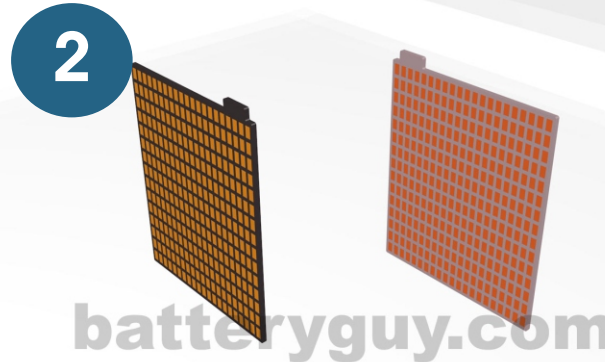
The BatteryGuy.com Knowledge Base

How a flooded lead acid battery is made

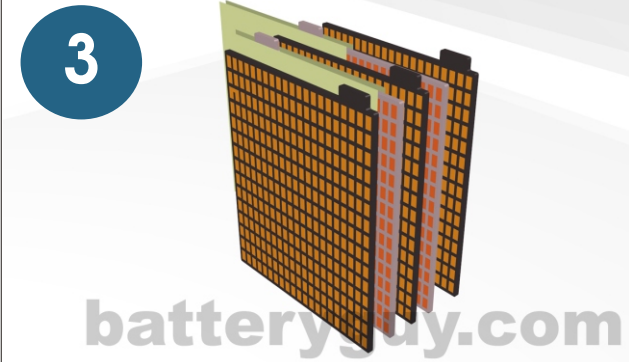
Lead (or lead alloy) positive and negative plates with grid like structures are manufactured



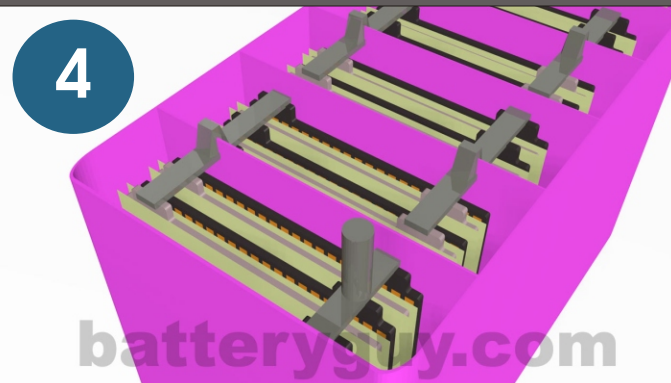
Different pastes are applied to the negative and positive plates, pressed into the holes of the grids



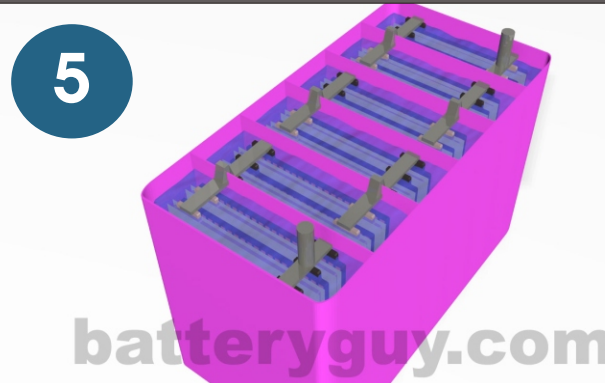
Several plates are then arranged in alternating order with a separator added to stop them touching each other.



Each set of plates is placed within a compartment in a case to make a cell and the cells are connected together



Electrolyte (a mixture of water and sulfuric acid) is added to each cell to cover the plates completely



The battery is sealed shut with a lid that has safety vents which can release excessive gas build ups in the cells

