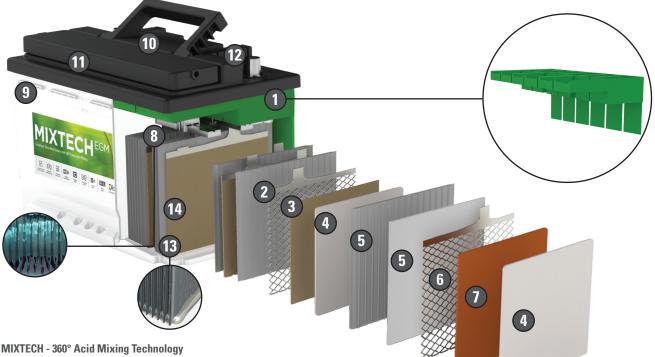
Discover® MIXTECHEGM

THE MOST SIGNIFICANT IMPROVEMENT IN A BATTERY IN 50 YEARS.



- Eliminates acid stratification
- Minimizes sulphation preventing premature capacity loss
- Ensures uniform material utilization guaranteeing longer high performance life
- Maintains Dynamic Charge Acceptance essential for highly equipped vehicles with intense driving schedules
- · Delivers longer battery life in extreme temperatures



Fiber-lock Scrim, embedded into the active material on each side of the + and - plates, increases active material bonds and reduces material erosion.

Envelope (+) Non-woven AGM Separators

- Reduces internal resistance and promotes quicker recharging ability
- Maximises cell compression requirements and reduces plate shedding
- Provides 3x the cyclic stability and 10x the vibration resistance of conventional batteries

Thick Enhanced Calcium / High Tin Positive Grids

- Provide improved corrosion resistance and life in deep cycle/starting applications
- Increase strength and Super Heavy Duty reliability

 $NaSO_{4}$ Sodium Sulphate additives improve the cycle life, charge acceptance and maintenance-free operations



Increased active material, additives and **high red lead** content increase initial capacity and active material bonds, promote high sustained voltages under heavy cranking loads and improve deep cycle performance and life



Element Bonding provides vibration resistance and helps to resist positive plate growth



Reinforced Polypropylene Case utilizes completely sealed cover for true maintenance free performance



Integrated carry handles



Central Degassing manifold with integrated flame arrestors collect and discharge gas away from terminals improving safety and reducing terminal corrosion. Gases travel through a spider-web like maze within the manifold trapping the water and electrolyte vapors re-combining them back into the battery preventing premature dry out.

Cold forged SAE terminals



Available **Anchor Bonding** provides plate stability and shock related vibration resistance

Highly Compressed Cell Groups increase cranking performance & vibration resistance