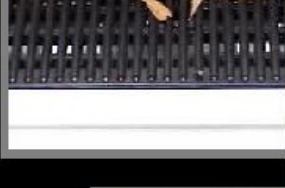


Scientifically Engineered - The uniquely patented design boasts (23) precise details which combine to beautifully orchestrate one of the highest overall performing gutter guard products to date.



The grids vertical bar layout along with the bars rounded tops allows **gravity** and water **surface adhesion** to redirect water off to the side openings. This allows **RAINTRADE's** performance to be unaffected in any rainfall amount, from a light spring rain to a heavy downpour. Vertical bar layout prevents heavy rain amounts from "sheeting" or bypassing beyond the gutters outer edge.

The bars undersides are tapered, continuing to work with the waters surface adhesion, and creating a **capillary action** which naturally causes the rain water to be **suctioned** thru the guard. Ingeniously adding to **RAINTRADE's** water capacity capabilities.



The openings are precisely spaced to create water **surface tension** between the bars. This is a key element which deters the smaller leaves, pine needles & seedlings from entering the gutter...in the same manner a dropped leaf hits the water surface tension on a lake. **RAINTRADE's** inherent grid layout takes care of the larger leaves & debris while **RAINTRADE's** micro bar design utilizes the natural characteristics of water to handle the smaller leaves & debris.

