Benefits:
- Unrefined, 100% natural
- Creates sustainable pavement
- Nature’s Better Binder / Glue
- Oxidizes / weathers slower
- Unrefined – Absolutely!
- Environmentally sound

Appearance:
- Naturally Black in color
- Resistant to raveling / peeling
- Attractive “like new” look

Uses:
- Increase pavement service life
- Reduce rutting and shoving
- Increase overall durability—including increased resistance to degradation from water penetration, oxidation, and uv radiation.
- Increase load carrying ability
- Reduce reconstruction costs

Gilsonite or North American Asphaltum was discovered in the early 1860s in the Uintah Basin in northeastern Utah and is a unique natural hydrocarbon high in asphaltenes (50-65%) and nitrogen compounds (2.5-3.5%). Unique, because it’s natural chemical composition results in its ability to bond to pavement. Gilsonite is the base of GSB-88®, which after subjected to a rigorous internationally accepted Life Cycle Assessment (LCA) resulting in high scores in every category, GSB-88® was awarded an EPD (Environmental Product Declaration). If utilized globally, GSB-88® could save 1.2 million metric tons of CO2 emissions per year and billions of dollars in savings!

Gilsonite has been proven to be more effective than any other asphaltene-rich product.
Since Gilsonite is a granular solid it is fully compatible with bitumen. It can be melted into hot bitumen, added during the hot-mix manufacturing process, or blended into a preservation treatment. In either case, Gilsonite dissolves easily in bitumen and achieves a uniform, easily workable product.

On structurally sound pavement GSB-88® treatments can halt, and reverse the effects of aging.

GSB-88® is ideal for sealing cold joints, shoulder, locking down chip seals, oxidized and moderately raveled pavement.

The use of Gilsonite lowers viscosity by over 30%, increases ductility by 30%, and increases Marshall Stability by almost 40% (strength of binder) after just 5 years.