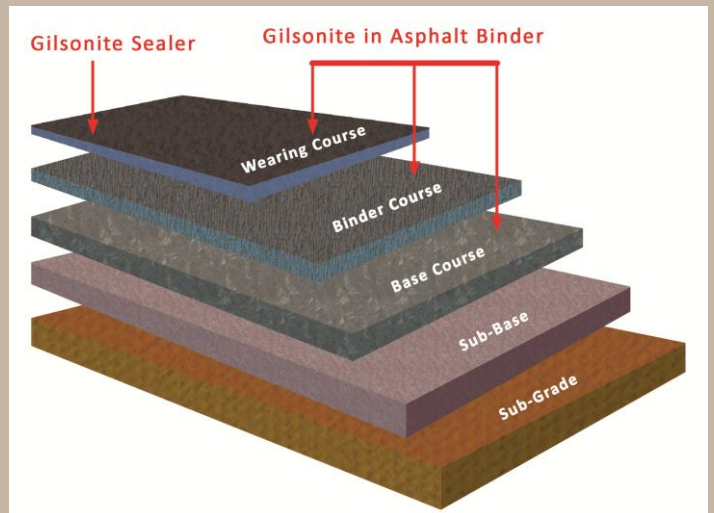


Gilsonite in Asphalt Binder

It is possible to add Gilsonite powder into the Asphalt hot mix without any additional process in order to obtain improvement on characteristics on 3 out of 5 levels of asphalt as shown in the below diagram.

Adding Gilsonite into the asphalt binder can significantly increase the life duration of the asphalt while it also assist the bonding in binder course and base course according to its Bitumen Content inside. **Gilsonite 200 Mesh or 100 Mesh is suitable for the binder application with softening point of below 200 degrees** in order to melt within the asphalt components. It can also reduce shoving at high temperatures.



While adding Gilsonite improves the asphalt characteristics it can also decrease the cost of asphalt by decreasing the thickness of the base/binder course and decreasing the bitumen required for making the base course (if penetration bitumen is used).



In addition Gilsonite can be made into Gilsonite Sealer which is an anti-aging material used for pavements. As shown in the picture, adding the Gilsonite can make the bonding much more effective while avoiding the deformation of the road in the long term comparing to normal asphalt mixtures applied.

Zista Group supplies various Gilsonite grades under the brand of **ZITUMEN** worldwide while guarantying the aspects of quality for each shipment. Our supply of Gilsonite Asphalt Binder & Asphalt Modifier is steady **with economical limits on Ash & Solubility**.

For more information please do not hesitate to contact us; info@zistagilsonite.com