

# **Laboratory Procedures**

## **EZ-Lime**

Brown in color

**For use as an anti-strip in asphalt hot mix at slightly reduced (33%) addition rates over current practice. According to the Lhoist Company of Belgium, Eric Berger and Dr. Dallas Little of Texas A & M, (and me) you can use 1% EZ-Lime by weight of total mix sheared directly into the bitumen in lieu of the 1.5% added to the aggregate and get similar or better results. It is easier and safer to use than conventional hydrated lime. Please use a high sheer mixer to mix the EZ-Lime pellets directly into the 300 to 325 degree F. asphalt. Neat or modified bitumen is compatible with both EZ-lime products. DO NOT HAND MIX! Add bitumen to the heated aggregate as you normally would and test.**

## **EZ-Lime Plus**

White in color

**For use as an asphalt anti-strip & PG grade enhancer ...you can add this to neat or modified bitumen. Do an addition ladder of 20%, 30% and 40% by weight to determine most effective dosage to modify your preferred bitumen. Once again... Please use a high sheer mixer. . DO NOT HAND MIX! You can then test it for PG binder properties (a 275 visc. for pumpability would be nice as well).**

**Most likely you'll see some improvement in the high temperature performance without losing the bottom end. Finally, an easy to work with lime & a modifier that is less expensive per ton than neat asphalt!**