
NANOGEN

NANOGEN –HMR (HOT MIX REGUVANATOR)

- One component REGUVANATOR
 - Antistripping agent
 - Warm Mix Additive (WMA)
 - Hot in –place rejuvenator
 - Stable and pourable at ambient temperature
 - Recommended to use 0.6-2% of asphalt binder
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NANOGEN is an engineered rejuvenating product of Nanotech Industries which adds value in asphalt road construction materials with recycling of aged pavement (RAP) and saves environmental resources.

NANOGEN-HMR engineered to perform:

- ✓ Reducing consumption of virgin materials to save natural resources
- ✓ Improving mix flexibility
- ✓ Restoring the properties of aged binder
- ✓ Reducing the overall viscosity through a decrease in effective particle size of asphalt by peptizing the asphalt

Additionally NANOGEN improved the following needs:

- ✓ Act as anti Oxidant
- ✓ It also work as Warm Mix Additive (WMA) so Compaction Aid,Transport,Fuel Saving and Moisture Resistance benefits
- ✓ Also contain anti tripping properties so improved coating
- ✓ Restoring the maltene characteristics
- ✓ Activate the aged binder and not just softening or plasticizing
- ✓ Reduced cracking and rut-resistance
- ✓ Contains natural polymeric structure which help the mix to attain the virgin mix property