

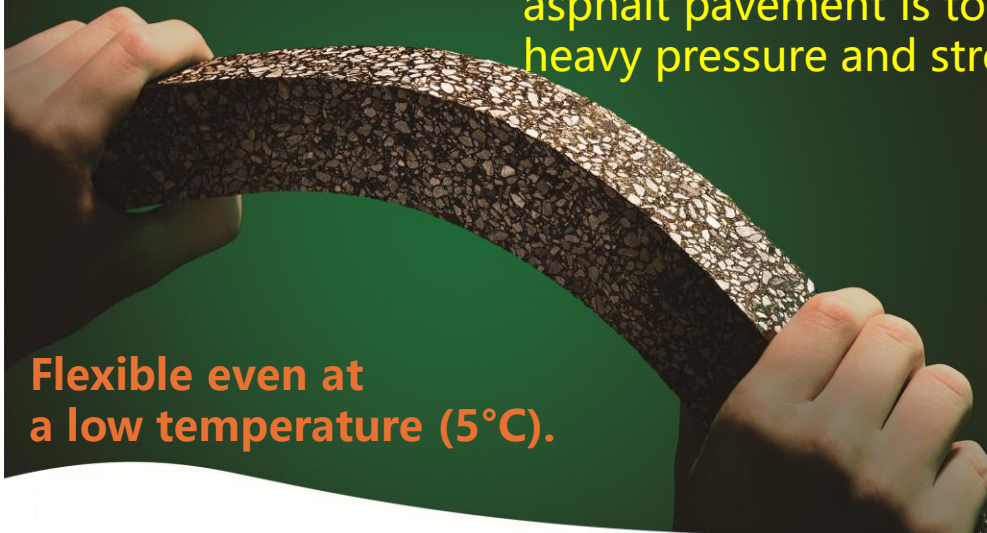
# SUPER SHINAYAKAPHALT

## SUPER SHINAYAKAPHALT



It is indispensable infrastructure, so **GREEN** actions must be taken.

The secret to the longevity of asphalt pavement is to handle heavy pressure and stress flexibly.



Flexible even at a low temperature (5°C).

### Overview

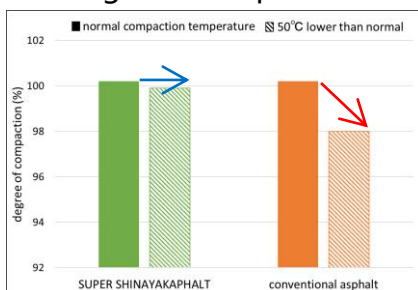
- SUPER SHINAYAKAPHALT is a polymer-modified asphalt with reduced temperature during mix production, and has high fatigue resistance that offers a longer service life.
- SUPER SHINAYAKAPHALT has excellent long-term resistance to cracks, ruts, and loss of flatness.

### Features

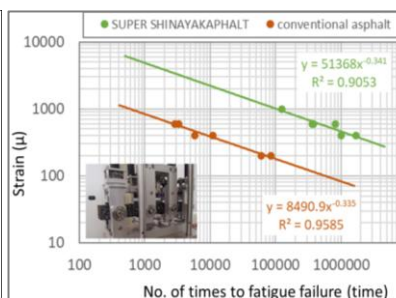
- Construction temperature can be reduced by approximately 50°C compared to conventional modified asphalt.
- Hot mix can be transported to distant place because it can be compacted even at low temperatures.
- It has higher fatigue and crack resistance than conventional modified asphalt.
- Using SUPER SHINAYAKAPHALT is expected to further reduce CO<sub>2</sub> emissions by extending pavement life and reducing the need for repairs.

### Applicable areas

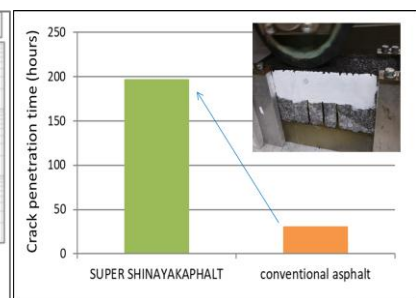
- Pavement with significant damage at high strain in roadbed and base course
- Pavement with significant damage due to cracking
- Bridge surface pavement



Relationship between compaction temperature & degree of compaction



Bending fatigue test results



Crack penetration test results

