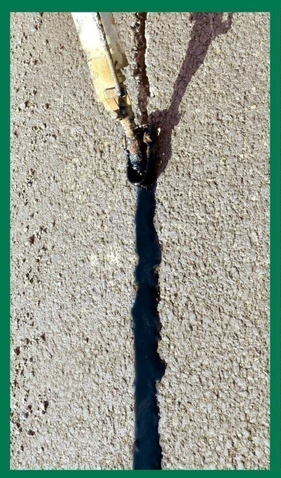


PINUS LONGAEVA
狐尾松

Road Crack Sealant





High quality hot repair sealant: Ingredients include synthetic rubber, recycled rubber, or a mixture of both, with the addition of asphalt binder and other modified materials. At room temperature, it appears as a solid block, and after heating and melting, it becomes a black colloid with strong ductility and adhesion, which can effectively seal road cracks and maintain sealing effect for a long time. After completing the construction, cool down for about 10 minutes to restore traffic.

Suitable for sealing and repairing cracks on asphalt/concrete road, highways, runways, residential roads, etc

Performance advantages



Strong ductility and adhesion

After heating and melting, it becomes a black colloid with super strong extensibility and adhesion, which can effectively seal road cracks and joints, and maintain the sealing effect for a long time.



Quality raw materials

The components of the sealant include synthetic rubber, recycled rubber, or a mixture of both and the addition of asphalt binder and other modified materials, with strict technical requirements and quality assurance.



Waterproof and aging resistance

The components of the sealant include synthetic rubber, recycled rubber, or a mixture of both and the addition of asphalt binder and other modified materials, with strict technical requirements and quality assurance.



Convenient,/durable/ energy-saving/ environmentally friendly

Compared with traditional sealing materials, it is more convenient, durable, energy-saving, and environmentally friendly, which can effectively extend the maintenance cycle and reduce the number of maintenance times.

Construction process

The quality of sealing construction is a comprehensive process of multiple factors, and each process must be strictly constructed in accordance with the requirements. During the construction process, workers must wear gloves and construction work clothes in a standardized manner to avoid burns.

1. **To ensure a groove depth of around 1.5-2cm:** If the depth is not enough, it will result in less material usage. In winter shrinkage environments, the material originally bonded to the sturdy joint wall will lose its effectiveness due to the loosening of the aggregate

2. **Thoroughly clean the filling slot:** Materials that have not been cleaned with high-pressure gas adhere to loose aggregates resulting in weak bonding.Under the action of water, sand, and wheels, the material adheres to the aggregates and falls off.

3. **Heating treatment:** A groove that has not been baked at high temperature, without thoroughly removing moisture, cold asphalt aggregate directly combines with hot melt sealant, which is also one of the reasons for easy detachment.

4. **Joint filling operation:** The surface material is too thick, and due to the scraper applying a thick layer on the surface, while the bottom material is shallow, the surface receives a large amount of pressure from the tire, while the bottom material is small, which cannot meet the pulling force, resulting in the material being easily pulled out. It is recommended that the material be slightly lower than the road surface when filling the joint, so that the tire cannot crush the material. Due to the good adhesion of the material itself, the sealing effect can be guaranteed.

5. **Cooling time:** The construction temperature must be controlled around 190 ℃. At the lower limit of the recommended heating temperature range (190 ℃) for the sealant temperature region, the sealant is very viscous and cannot penetrate the crack channels well, thus preventing the formation of a good seal. If there are detached material layers that are thick and stacked together, it is due to the low temperature of the sealant, resulting in poor fluidity of the sealant, and the short solidification time of the sealant when encountering the road surface. If the temperature of the sealant exceeds the upper limit of the required temperature range, it may cause changes in the sealant's performance, coking, reduced adhesion, heating the sealant to within the allowable temperature range, and achieving the best performance indicators of the sealant, which can fully exert the best sealing effect of the sealant.

Construction show



Technical parameter

Product model	PL-R	PL-W	PL-H
Applicable scope	-10—45℃	-25—45℃	-35—45℃
Cone penetration	38.6【0.1mm】	72.3【0.1mm】	111.9【0.1mm】
Softening point	90℃	90℃	80℃
Elastic recovery rate	40%	49%	51%
Low temperature stretching	-10℃50%	-20℃50%	-30℃50%
Current value	0mm	0mm	0mm
Packing	16.7KG/carton	16.7KG/carton	16.7KG/carton
Material construction temperature	+190℃	+190℃	+190℃
Optimal construction temperature	8-20℃	8-20℃	8-20℃

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