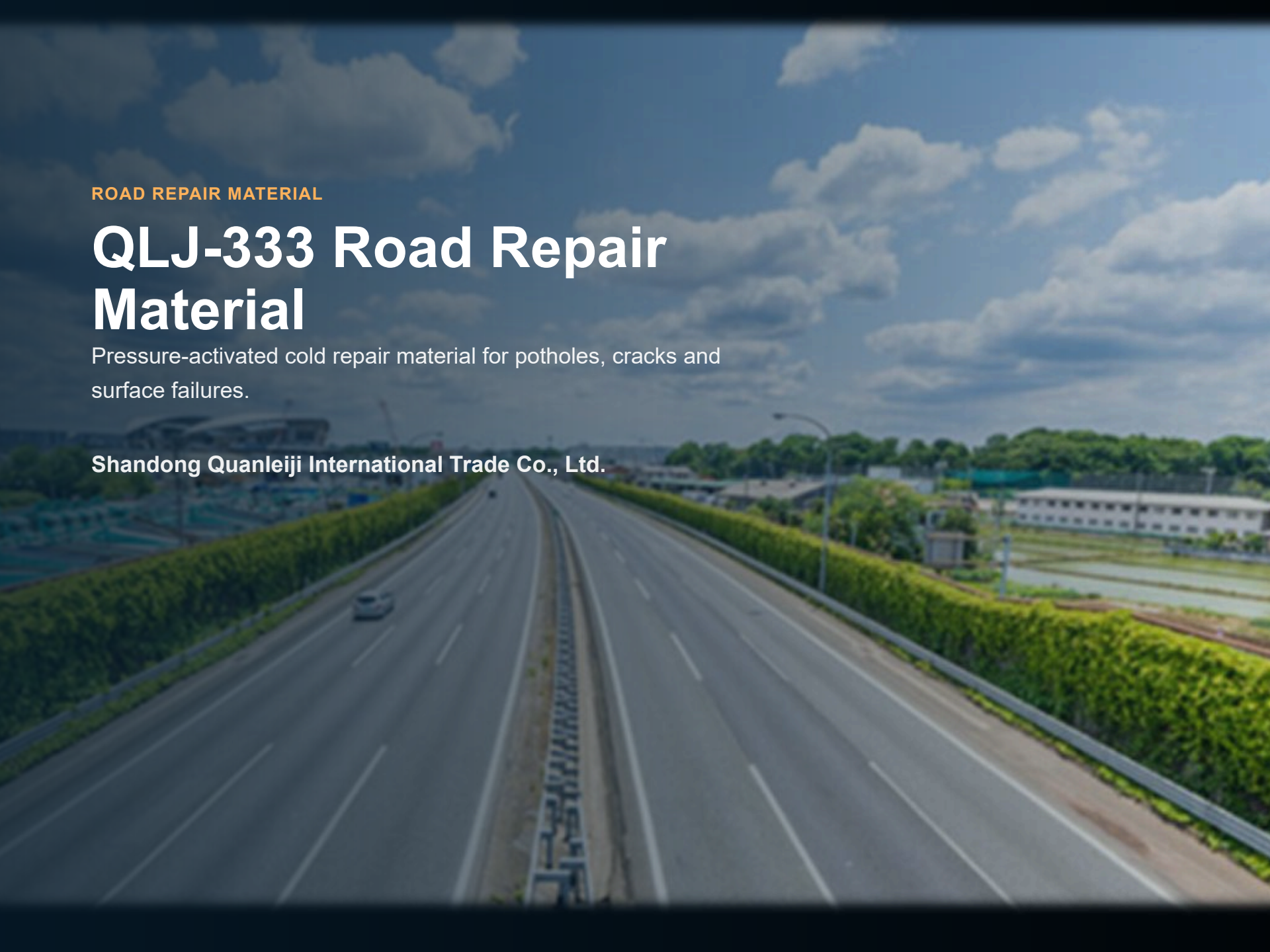




ROAD REPAIR MATERIAL

QLJ-333 Road Repair Material

Pressure-activated cold repair material for potholes, cracks and surface failures.

Shandong Quanleiji International Trade Co., Ltd.

COMPANY PROFILE

Shandong Quanleiji International Trade Co., Ltd.

Shandong Quanleiji International Trade Co., Ltd. supplies road repair materials and export support for maintenance contractors, municipal road teams and industrial property owners.

- Focus on cold patch asphalt, road crack repair and durable pavement maintenance solutions.
- Supports sample trials, product documentation and shipment coordination for overseas buyers.
- Provides practical materials for highways, urban roads, car parks, industrial yards and service roads.
- Business principle: reliable quality, practical application and long-term cooperation.

Shandong Quanleiji International Trade Co., Ltd.



Road Maintenance Supply Network



Municipal roads

Urban pothole and crack repair

Highways

Fast opening, traffic-ready repair

Industrial sites

Yards, ramps, loading areas

Car parks

Quick repair with minimal closure

NEW PRODUCT INTRODUCTION

QLJ-333 Pressure-Activated Road Repair Material

A practical black technology upgrade for cold road repair.

QLJ-333

Pressure-Activated Road Repair Material

Ready to use | No heating | Fast traffic opening

- Designed for potholes, cracks, edge breakage and local surface failures.
- Strength develops under vehicle compaction and traffic pressure.
- Can be applied in a wide temperature window from -20 C to 60 C.
- No open flame, no heating and no complex machinery required.

Repair Material Built for Real Road Maintenance

Durable

Long-term repair performance after traffic compaction.

Simple

Open the bag, fill the damaged area and compact.

Efficient

Shorter closure time and less labor input.

Cleaner

Reduced waste and no hot-mix heating on site.



Typical pothole and crack damage



Wet and broken pavement area



Completed patch area

High-Strength Pressure-Activated Repair

QLJ-333 uses traffic pressure to help form a compact, stable repair layer.



Fill the damaged section



Level and compact



Open to traffic quickly

FAST OPENING

Open to Traffic Immediately After Simple Compaction

- No curing period required for ordinary traffic conditions.
- Traffic rolling improves the final compacted state.
- Heavy traffic sections can be controlled for a short early-strength period.
- A practical material for roads that cannot stay closed for long.



One-month repaired condition

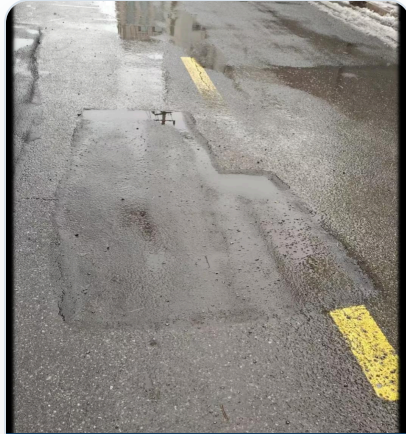


Stable surface after use

Usable in Rainy and Low-Temperature Conditions



**Snow and wet road
condition**



**Repair after snow
condition**

- Suitable for emergency repairs when hot-mix work is difficult.
- Can handle common road surface failures caused by water damage.
- Material storage is simple compared with reactive or solvent systems.
- Supports year-round maintenance planning.

No Special Tools Required

QLJ-333 reduces the need for heavy equipment and complex on-site preparation.

1. Clean

Remove loose stones, mud and water from the damaged area.

2. Fill

Pour QLJ-333 into the repair area and level the surface.

3. Compact

Use simple tools, foot pressure or vehicle rolling.

4. Open

Open to traffic immediately under normal conditions.



Material filling on site



Manual leveling and compaction

Where QLJ-333 Fits

Budget source	Typical users	Pain points	Application scenes
Public maintenance	Highway bureaus, municipal road teams, railway systems	Repeated damage, traffic pressure, limited closure time	Highways, national/provincial roads, urban roads
Facility owners	Industrial parks, property maintenance, hospitals, schools, scenic areas	Small repair zones, fast response, safety complaints	Car parks, inner roads, service roads
Contractors	Road repair contractors and maintenance companies	Labor cost, project warranty, material waste	Patch repair, crack repair, edge breakage

One Material for Multiple Road Failures

Traditional repair

- Repeated damage is common.
- Maintenance requires more labor and time.
- Road closure increases traffic pressure.
- Different failures may need different materials.

QLJ-333 solution

- Long-term protection after one repair.
- Simple process, suitable for single-worker operation.
- Fast opening after compaction.
- Can be stored for long-term emergency maintenance.

CORE ADVANTAGES

QLJ-333 Product Advantages

Fast construction

Short process and immediate traffic opening.

Pressure forming

Vehicle rolling helps improve compactness.

Long storage

Prepared material for planned and emergency repairs.

Low site demand

No heating, no complicated equipment.

Weather window

Supports work from -20 C to 60 C.

Lower waste

Reduced construction waste and cleaner operation.

COMPETITIVE COMPARISON

QLJ-333 vs Common Cold Repair Materials

Item	QLJ-333	Water-reactive cold mix	Solvent cold mix
Strength formation	Vehicle pressure compaction	Reaction with water	Solvent evaporation
Traffic opening	Immediate	Requires curing	Requires curing
Construction	Simple	Complex	Complex
Labor demand	Low	Higher	Higher
Storage	Long-term	Limited	Limited
Rainy use	Available	Not recommended	Not recommended
Warranty	5 years under suitable conditions	None / limited	None / limited

MATERIAL APPEARANCE

QLJ-333 Compared with Conventional Cold Patch



QLJ-333 repair material



Conventional cold patch material

Uniform aggregate coating and stable workability support convenient field repair.

CONSTRUCTION PROCESS

QLJ-333 Repair Flow

Identify
damaged area

Clean loose
material

Apply tack coat
if required

Fill QLJ-333

Level in layers
if needed

Compact
simply

Open to traffic



Clean damaged edge



Apply auxiliary material if needed



Fill and level

TRAFFIC OPENING

Traffic Pressure Improves Compaction

Traffic type	Initial opening	Stable forming	Notes
Ordinary passenger vehicles	Immediate	Within 24-72 hours	Simple compaction is enough for opening.
Heavy-duty vehicles	Controlled early use	Within 3-8 hours	More rolling helps form faster when controlled.

Initial strength is comparable to conventional cold patch after a longer curing period.

Recent Case: One-Day Change

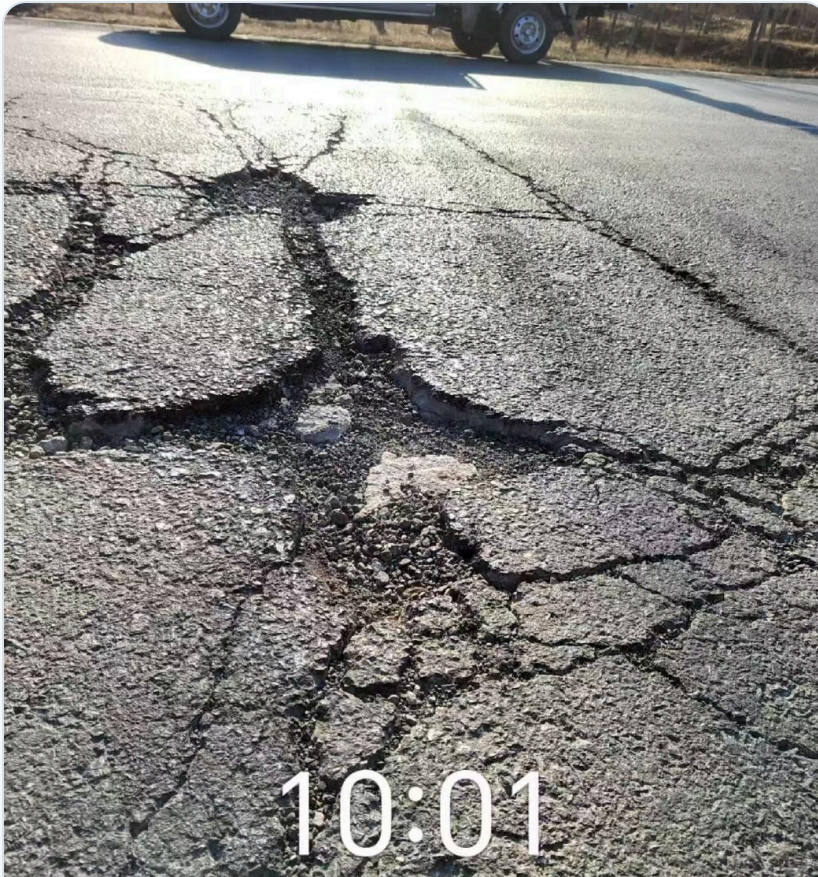
Observation period: February 14-15, 2025

Location: Jinan, Shandong

QLJ-333 road repair material

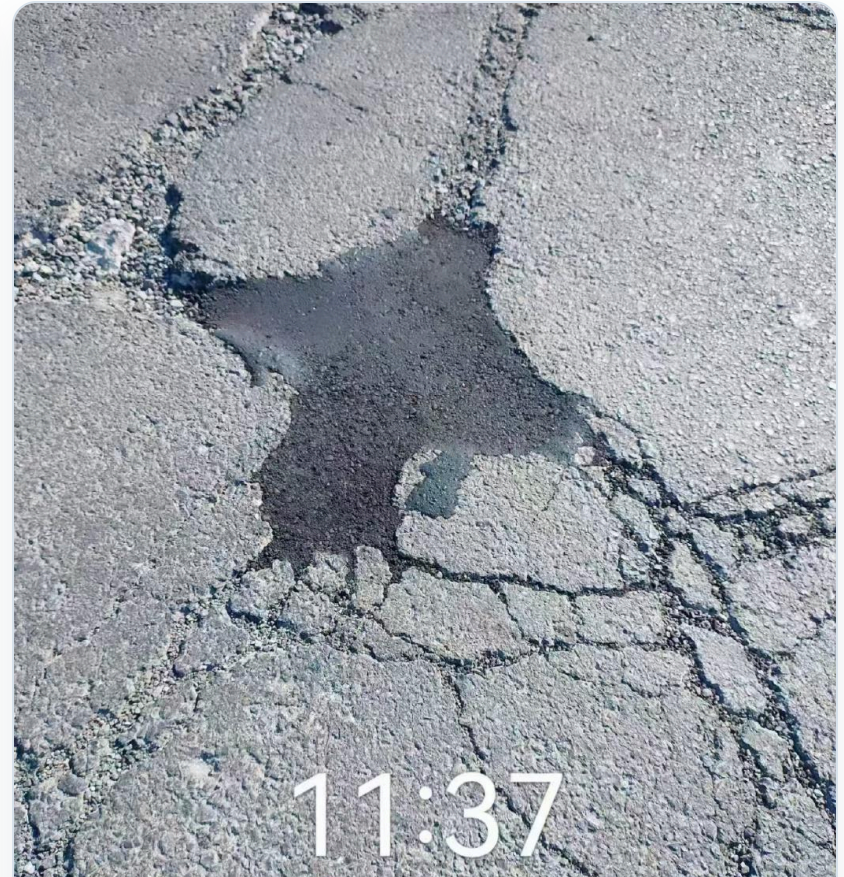
CASE RECORD

Before and Same-Day Observation



10:01

Before repair



11:37

Same-day repaired surface

Recent Case: One-Month Change

Observation period: February 25-March 25, 2025

Location: Jinan, Shandong

Stable surface after traffic use

ON-SITE CONSTRUCTION

Clean and Fill QLJ-333



● 工程记录

Clean the repair area

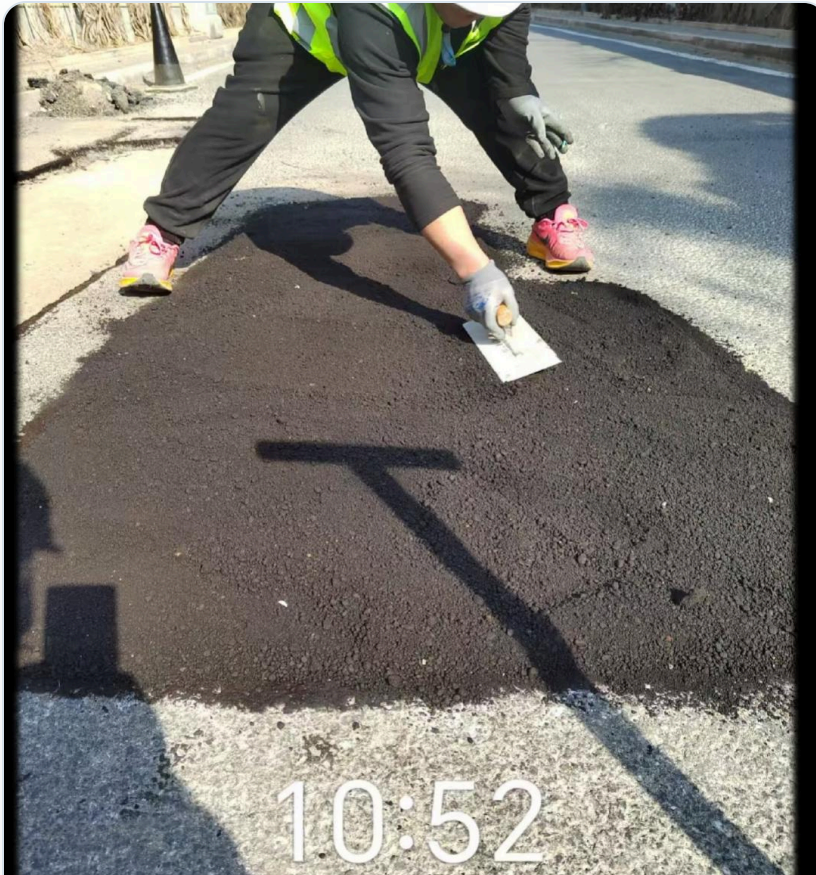


● 工程记录

Fill with \${product}

ON-SITE CONSTRUCTION

Level the Surface and Compact



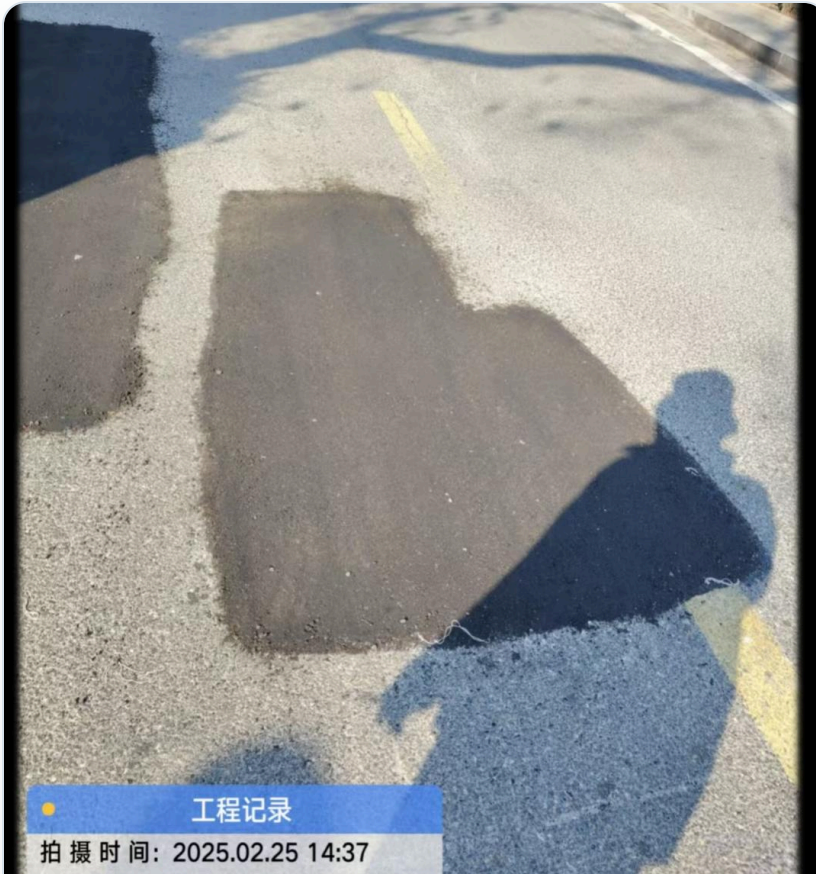
Level and compact



Final leveling before opening

IMMEDIATE OPENING

Open to Traffic After Repair



Repair area after opening



Surface under traffic use

WEATHER CASE

After Heavy Snow in Jinan



Road condition after snow



Repaired area remained stable

ONE MONTH LATER

Observed Surface Condition



One-month repaired surface



Stable road surface condition

Recent Case: One-Year Change

Observation period: September 2023-September 2024

Location: Yantai, Shandong

Long-term road repair observation

More Road Repair Scenes



Pothole repair in asphalt pavement



Cracked road surface repair



Broken pavement area repair



Completed patch in cracked area

APPLICATION RANGE

Suitable for Multiple Damage Types



Local pavement repair



Edge breakage repair



Wet road maintenance



Finished repair surface

QLJ-333 Helps Reduce Repeated Maintenance

5-year warranty target
Designed for durable repair under suitable site conditions.

Lower labor input
Simple process reduces manpower and equipment needs.

Fast traffic recovery
Open to traffic quickly after simple compaction.

Emergency-ready stock
Long-term storage supports rapid maintenance response.

Material	First repair cost	Repeated maintenance	Comprehensive value
QLJ-333	Higher first unit cost	Low	High
Ordinary cold patch	Lower first unit cost	High	Low
Reactive cold mix	Medium	Medium	Medium

Thank You

Shandong Quanleiji International Trade Co., Ltd.
QLJ-333 Pressure-Activated Road Repair Material

Product documentation, sample trial support and export coordination
available.

