VABREN

Cold Mix Asphalt Technical Data Sheet

CL13 Ready Mixed Pothole Repair Material

Ready-mixed asphalt repair material for potholes, utility cuts and localized pavement maintenance. Place and compact the material without on-site heating. Select the grade and repair method around the pavement, weather and traffic conditions.

Product information

Item	Declared supply information
Product grade	CL-13
Material type	Solvent-based cold mix asphalt cold patch material
Nominal maximum aggregate size	13.2 mm. Alternative 9.5 mm or 16 mm grading is reviewed separately with the order.
Packaging	25 kg sealed woven bag with an inner plastic liner
Declared placement range	-20 to +50 degrees C. Confirm site conditions and workability for the selected supply grade.
Sealed shelf life	12 months in intact packaging under the storage conditions on page 2

Declared specification limits

Property	Declared requirement	Reference basis
Appearance	Black, loose granular mixture; no caking or visible contamination	Visual inspection
Aggregate and binder adhesion	Grade 5	Supplier specification
Penetration strength	0.5 to 4 kgf/cm2	JT/T 972-2015
Marshall stability	At least 3 kN	Supplier specification
Retained Marshall stability after immersion	At least 85%	Supplier specification
Freeze-thaw tensile strength ratio	At least 70%	Supplier specification
Rutting dynamic stability	At least 800 cycles/mm	Supplier specification

These are declared specification requirements, not measured batch results. Confirm the applicable method, specimen conditioning and acceptance criteria in the order. Penetration strength uses kilogram-force per square centimetre, conventionally written kg/cm2 in the supplied schedule.

Application and installation

Use for localized repair of asphalt pavement on municipal roads, highways, industrial yards and parking areas. Concrete substrates, heavy traffic and recurring structural failures require a suitable project repair method. This material is not intended for full-width new pavement construction.

1. Inspect the defect and correct unstable base material, drainage or recurring movement before patching.

2. Remove loose aggregate, mud, debris, ice, snow and standing water. Prepare sound edges. Use tack coat only where required by the selected material and repair procedure.

3. Place in controlled lifts suited to the aggregate size, repair depth and available compaction equipment. Allow sufficient loose overfill for compaction; deep repairs need successive compacted lifts.

4. Compact systematically from the perimeter towards the centre using an appropriate plate compactor, rammer or roller.

5. Reopen only after adequate compaction and a stable surface approximately flush with the surrounding pavement. Follow the site traffic-control requirements.

Quantity planning

Estimate compacted repair volume from length x width x average depth. Convert volume to mass with the compacted density confirmed for the supplied grade, then allow for irregular shape and handling loss. Divide by the net bag mass to estimate bag count. Confirm density and lift thickness for the actual order.

Storage and handling

Keep bags sealed in a cool, dry and ventilated store, protected from rain, excessive heat, open flame, strong oxidizing agents and damaged wrapping. Prevent crushing or excessive stacking. The declared shelf life is 12 months in intact packaging under these conditions. Protect loads against rain during transport.

Safety documentation

Read the accompanying supplier-provided English MSDS for Asphalt cold patch, No. 2026020676E, issued 6 February 2026. Keep the work area ventilated, use suitable protective gloves and avoid prolonged skin contact. Follow the MSDS for first aid, handling, disposal and transport information. Match the safety document to the supplied formulation and destination before dispatch.

Standards and order confirmation

JT/T 972-2015 is the product reference for diluted-bitumen cold patch mixtures. The supplied performance schedule refers to JTG E20-2011 test methods. JTG 3410-2025 replaced that test code from 1 October 2025. Agree the applicable procedures and conditions for any new test; retain the actual method and date of historical reports.

Confirm the grade, aggregate size, quantity, destination, lowest placement temperature, site moisture, traffic duty and required test documents before purchase. This TDS supports product selection and does not replace the agreed order specification or a batch test report.

Product information and quotations

Product details and technical information

Request a CL-13 specification and quotation

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VABREN is the international brand of Taian Wanbang New Materials Co., Ltd. Tai'an, Shandong, China.