



OZGRIP CST

Global Road Maintenance
Systems Pty Ltd

APPLICATION LEVEL 3
TIPES TMR CERTIFICATE No.
CST-001/2024Febr

February 2024

OFFICES IN:
BRISBANE, SYDNEY, ADELAIDE, PERTH, CANBERRA
NEW ZEALAND

NATIONAL TRANSPORT RESEARCH CENTRE
AND HEAD OFFICE:
MELBOURNE, 80A TURNER STREET
PORT MELBOURNE, VIC 3207





OZGRIP CST Global Road Maintenance Systems Pty Ltd

Technical Evaluation

This Certificate is based on the Technical Evaluation and Technical Opinion of the Product Evaluation Panel (PEP) and is:

- a) Issued by entity ARRB Group Ltd (ARRB), trading as the National Transport Research Organisation (NTRO);
- b) To the Department of transport and Main Roads, Queensland (TMR);
- c) In relation to the Application under the applicable Tipes/TMR Supplement to the Tipes Guide and T&Cs for Applicants (Application) by the Applicant named in the Application (Applicant);
- d) In respect of the Applicant's requested evaluation by the NTRO Transport Infrastructure Product Evaluation Scheme (Tipes) PEP of the Applicant's Product named in the Application (Product) for the uses and in the manner identified in the Application (Applicant's Claim); and
- e) In relation to applicable [Standards and Specifications] developed by TMR in consultation with NTRO and approved by TMR (TMR Specifications).

This Certificate is issued by NTRO:

- a) To TMR alone;
- b) To no other of NTRO's member road authorities (Member Road Authority) nor to any other person;
- c) In respect of the use of the Product in the manner described in the Application in relation to the applicable TMR Specifications;
- d) Subject to the scope of the PEP evaluation and to each of the conditions and qualifications set out in this Certificate and any attachments.

No representation or warranty is made in this Certificate to any person other than TMR.

Other Member Road Authorities and all other persons must obtain their own professional advice as to the suitability of the Product for uses by them.

Any information relating to the manufacture, supply, installation, use, maintenance, and removal of the Product which is contained or referred to in this Certificate and PEP Technical Opinion is the minimum required to be met when the Product is manufactured, supplied, installed, used, maintained, and removed. That information does not in any way restate the requirements of Australian work health and safety legislation applicable at the time of issue of this Certificate, nor is it descriptive of any legislative or common law obligation or duty in operation at the date of issue or reissue of this Certificate. Conformity with information in this Certificate will not satisfy any statutory or common law duties or obligations.

Individuals or organisations using the information contained in this Certificate or the PEP Technical Opinion should apply their own skill and judgement to any issue(s) which they are considering.



OZGRIP CST Global Road Maintenance Systems Pty Ltd

Certification

NTRO Certifies to TMR alone that:

1. The Product has been assessed by a PEP constituted equally with TMR and NTRO nominees; and
2. The PEP has assessed the Product as being suitable, within the applicable TMR Specifications, for each use described in this Certificate, the PEP Technical Opinion, and any attachments:
 - a) Subject to any conditions and qualifications set out in this Certificate and the PEP Technical Opinion,
 - b) Having regard to the Scope of the PEP evaluation as set out in this Certificate, and
 - c) Provided the Product is installed, used, and maintained as set out in the Application, the PEP Technical Opinion and this Certificate.

Conditions and Qualifications

The PEP evaluation demonstrated and reported that OZGRIP CST can be applied as a CST subject to the qualifications in this Certificate and any to provide the benefits as claimed by the Applicant.

It should be noted that the PEP evaluation assessed the longer-term in-service performance benefits of the Product as a desk top study, utilising documentary and photographic evidence supplied by the Applicant commensurate with the Application Level (see Special Conditions of Certification below) and any additional requests by the PEP, including most latterly site inspections made by a competent TMR technical officer.

Scope of PEP Evaluation

The PEP evaluation included:

- Factors relating to compliance with TIPES requirements.
- Assessment criteria and technical investigations (including historical performance data) and as detailed within the TIPES Supplement for Applicants Coloured Surface Treatments (CSTs) for Department of Transport and Main Roads and summarised within the Technical Opinion of the PEP.
- Typical applications and installation guidance.

The key parameters assessed were:

- Polished Aggregate Friction Value (PAFV) and Particle Size Distribution for aggregate in the product;
- Skid Resistance
- Surface Texture
- Delamination
- Stripping and Raveling
- Records of performance of past application of the product internationally and in Australia commensurate with the Application Level sought.



OZGRIP Global Road Maintenance Services Pty Ltd

Special Conditions of Certification

1. This Certificate is issued expressly subject to the following conditions:

Application Level 3 – Full - which is based on the Applicant's evidence and a minimum of 5 years satisfactory field performance under heavy traffic loading conditions.

2. This Certificate is issued solely in respect of the Product identified by the Applicant as OZGRIP originally submitted for product evaluation under TIPES by the Applicant.
3. The PEP has granted Certification at Level 3 for the product on the following conditions:
 - The product demonstrates ongoing conformance with the performance requirements outlined in the TIPES CST supplement and local technical standard MRTS110, and
 - The Applicant maintains a register of all sites on the TMR road network where the product is used.

Issued: 12 February 2024

Review: 3 years

Nigel Powers,
Governance Manager
NTRO Certification

Johan Cronje, Principal
Professional Leader,
Asset Performance, NTRO



General conditions of certification

1. This Certificate:
 - a) i. Relates only to the Product and is expressly limited to the product having the composition, features and characteristics submitted in the original Application; and
 - ii. Is not applicable to, or valid in respect of, any subsequent modification, variation, enhancement or redevelopment of the Product or any other product.
 - b) Is valid only within Australia
 - c) Must be read and applied in its entirety
 - d) Is copyright to NTRO and is the sole and exclusive intellectual property of NTRO
 - e) Is not licensed to the Applicant for the promotion or sale of the Product by the Applicant and the Applicant must not authorise its use to any other person or entity for any purpose whatsoever; and
 - f) Is governed by the laws of the State of Victoria, Australia, and the jurisdiction of the courts of that State and courts of appeal there from.
2. References to publications, documents, specifications, legislation, regulations, standards, and other documents in this Certificate are, where relevant, references to the versions of those documents current at the date of issue of this Certificate, unless otherwise stated.
3. Unless otherwise cancelled or modified by NTRO, this Certificate remains valid for a period of 3 years from the date of this Certificate provided that the Product and its manufacture and/or fabrication, including all related documentation and relevant parts and processes there of:
 - a) Are maintained at or above the levels which have been assessed and found to be satisfactory by NTRO;
 - b) Are checked as and when NTRO considers appropriate under arrangements that it will determine; and
 - c) Are reviewed by NTRO at such frequency as it considers appropriate, at the cost of the Applicant which is documented within the standard terms for the TIPES scheme applicable at the time of review.



General conditions of certification (Cont.)

4. Scope of Liability

a) To the fullest extent permitted by law, NTRO has no liability whatsoever to the Applicant or to any other person for any loss or damage, including personal injury, howsoever arising in connection with the Product, (including its manufacture, supply, installation, use, maintenance, and removal) whether direct or indirect, suffered by any person arising from the use of the Product by that person in reliance upon the content of this Certificate.

b) Without limiting the exclusion above, where NTRO's liability cannot be wholly excluded, subject to the further exclusions and limitations expressed below, NTRO's liability, whether arising under contract, tort (including negligence) or otherwise at law or in equity, is limited to liability for a loss or liability resulting directly from:

- Personal injury;
 - Death; or
 - Property damage to persons who reasonably foreseeably suffer a loss which is caused by fraud or other willful tortious act by NTRO;
- c) To the fullest extent permitted by Law, NTRO's liability in respect of any losses incurred
- i. Excludes all special damages, indirect or consequential loss of any person;
 - ii. Is reduced to the extent that the loss suffered is a direct or indirect consequence of the act or omission of or any person;
 - iii. Will not, in the aggregate, exceed the amount which is the least of:
 - Any amount recovered by NTRO from insurance in respect of the relevant liability; and
 - An amount equal to the total net amount paid to NTRO by the Applicant for the evaluation of the Product; and

- The amount to which NTRO's liability is limited under a Professional Standards Scheme; and

iv. Is recoverable only in respect of a claim on NTRO made during the period of 12 months after the date of the Application.

5. NTRO provides no warranty to TMR, the Applicant nor to any other person, express or implied, concerning:

- a) The existence or ownership of any patent, intellectual property or other rights subsisting in the product;
- b) The rights of the Applicant to manufacture, supply, install, maintain, or market the product; and
- c) Any works and constructions in which the product is installed, including their nature, design, methods, performance, workmanship, and maintenance.

6. Any information relating to the manufacture, supply, installation, use, maintenance, and removal of the Product which is contained or referred to in this Certificate is the minimum required to be met when the product is manufactured, supplied, installed, used, maintained, and removed. Such information does not in any way restate the requirements of the Australian Work Health and Safety (WHS) Act applicable at the time of issue of this Certificate, nor is it descriptive of any legislative or common law obligation or duty in operation at the date of issue or reissue of this Certificate. Conformity with information in this Certificate will not satisfy any statutory or common law duties or obligations.

7. Uses of the NTRO Certification logo and TIPES logo/symbol(s) are governed by NTRO.