



VICTORIAN CHEMICAL CO. PTY. LTD.

ABN 36 004 188 863

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Statement of Compliance - AGGREBOND[†] SS

Victorian Chemicals hereby confirms that our product known as Aggrebond SS complies with RMS QA Specification 3259 and 3269*.

We also confirm that all supplies of Aggrebond SS shall be of the same formulation as the reference sample supplied to the Boral laboratory in Baulkham Hills where test results indicated excellent adhesion performance

NATA endorsed laboratory test results for the "reference sample" relevant to compliance to RMS QA Specifications 3259 and 3269 as identified below, are available on request.

RMS QA 3259

Laboratory	Boral Construction Materials Technical Services, Unit 4, 3-5 Gibbon Road, Baulkham Hills NSW 2153
Project	Adhesion Agent testing to QA Spec 3259
VCC Job No:	50
File Number	782/18
Request Number	80257
Product	Aggrebond SS
Client Sample Number	BN 18080114
Laboratory Sample Number	210075
Test methods	RTA T590 - Homogeneity of Liquids Precoats & Adhesion Agents RTA T230 - Resistance to Stripping of Aggregates & Binders
Completion Date	5 th October 2018
Signatory	A. Liu (Scientific officer)
Test report	Available on request

RMS QA 3269

Laboratory	Boral Construction Materials Technical Services Unit 4, 3-5 Gibbon Rd, Baulkham Hills NSW 2153
Project	Adhesion Agent testing to RMS QA Spec 3269
VCC Job No:	51
Product	Aggrebond SS
Client Sample No:	BN N18080114
Laboratory Sample No:	210076
Test methods	RMS T230 - Resistance to Stripping of Aggregates & Binders RMS T238 - Initial Adhesion of Cover Aggregate and Binders
Test report request No:	80258
Completion Date	5 th October 2018
Signatory	Alex Liu (Scientific officer)



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Concentration of Active in Product Formulation

Aggrebond SS is a liquid formulation based on a 40% active ingredient.

Victorian Chemicals is an ISO9001 accredited company and stringent quality control methods are in place to assure the formulation and concentration of the active ingredient is maintained within acceptable tolerances. The acceptable range of concentration of active ingredient for Aggrebond SS is 38 – 42%.

A certificate of analysis specifying the actual concentration of the active ingredient in the particular batch and the acceptable range is issued with each consignment of product. The test method for Active Content (TM 41) is available on request.

Prolonged High Temperature Effectiveness

The effectiveness of Aggrebond SS, when subjected to prolonged heat has been determined by the RMS laboratory in Auburn using a modified T30 test method which was specifically developed in collaboration with them for the purpose.

Preparations of Bitumen and Aggrebond SS were held at temperatures of 180°C and 160°C for 14 days. All tests conducted over the period demonstrated a level of stripping significantly below 10%. A continuation of the experiment, to determine the period beyond 14 days at which the product may fail in effectiveness, was not considered relevant. A statement has been made on our Product Data Bulletin indicating "Aggrebond SS remains effective even if held at elevated temperatures for at least 7 days*."

Product Documents

The following Aggrebond SS documents are available

- Product Data Bulletin
- MSDS
- NATA Approved Lab Test (Report S0023782) Modified RTA T 230 – Prolonged High Temperature Efficiency
- Certificate of Analysis – as per each batch as manufactured

* Addendum (page 5) in laboratory report 80258 illustrates < 10% stripping on Marrangaroo aggregate when applied at 0.5% using S45R Binder

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FOR and on behalf of Victorian Chemical Company Pty Ltd

Signature:

Name

Peter Jones

Title

Development and Technical Services Manager

Date

6th December 2018