

Laboratory Reference: CAN11W2835

ADHESION AGENT TEST REPORT

ATTENTION:**Ray Georgey**

CLIENT: Otech Australia
CLIENT REFERENCE: 0.7pph Otech AGGBIND-75[®] by volume at 15°C
ADHESION AGENT: Otech AGGBIND-75[®] liquid adhesion agent
ADHESION AGENT SOURCE: Supplied by Fulton Hogan Canterbury Bitumen Plant in May 2011
AGGREGATE SOURCE: Sampled from Atlas Quarry – Piroa, Brynderwyns in August 2011
TEST METHOD USED: WDSC B301-89T
TESTED BY: Logan Burford and Rachel Smith on 17/11/2011

RESULTS:

| AGGREGATE SOURCE | AGENT QUANTITY (PPH BY VOLUME) | TEST RESULT | TEST CRITERION |
|-----------------------------------|---|----------------------------|-----------------------|
| Atlas Quarry – Piroa, Brynderwyns | 0.7 | 70 Spec : 80 min | 0.95 Spec : 2 max |

Test performed using: Grade 3 chip of greywacke origin
Chip sieved between 13.2 & 9.5mm sieves and washed in deionised water
180/200 Penetration Grade Bitumen
Adhesion agent set up time was 2.5 hours
Test temperature of 25°C

Report Issued By: Suzanne Lee on 21/11/2011

Report Checked By:


Bitumen Laboratory Supervisor

Disclaimer: These test results apply to the samples as received by the Laboratory. No liability will be accepted by the Laboratory for any misrepresentation with respect to the sampling of material for testing and/or the use of these test results.

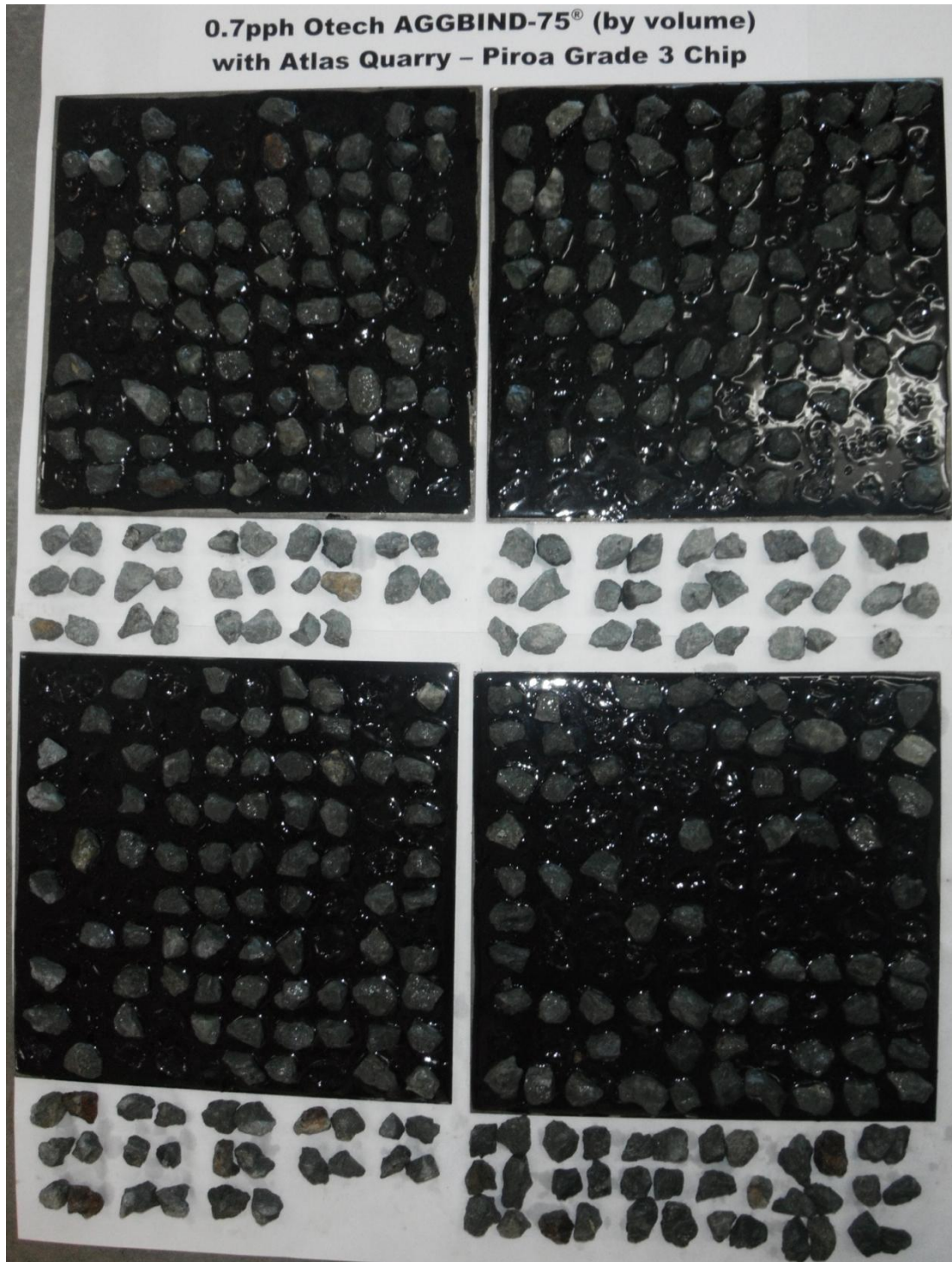


Figure 1. Photograph showing test plates with 180/200 bitumen and 0.7pph Otech AGGBIND-75® (by volume) after test was performed. Atlas Quarry – Piroa grade 3 chip that was dislodged is arranged below the plates.