



30 November 2015

TO: All ITC-SA MEMBERSHIP

National Communiqué No 47
Biligom International (Pty) Ltd

Dear Membership,

Further to Communiqué Nos 044 & 045 we wish to inform you that the ITC-SA Timber Engineering Advisory Committee (TEAC) accepts that Eucalyptus is graded in accordance with SANS 1707 and that Biligom can be used as a structural material. The allowable stresses for Biligom have been obtained by a recognized authority, and a quality control system is in place and overseen by SATAS to ensure ongoing quality.

The ITC-SA Timber Engineering Advisory Committee confirms that the requested proprietary design strengths for Biligom have been made available to all System Members, so that they may investigate the use of Biligom. All System Members using Eucalyptus/Biligom as a structural material, need to ensure that their design software and hardware are aligned with the design strengths given for the product and therefore, accommodate the allowable strengths for their connectors

Biligom statistic summary:

- The finger jointed timber was tested by the Stellenbosch University in a high moisture as well as dry condition.
- The published values are used by various Truss Systems (as an engineering entity) using their design software as well as hardware.
- This private specification was developed by Biligom.
- SATAS are performing 3rd party surveillance inspections/audits as is done with structural pine manufacturers.
- A certified adhesive is used in the finger joints. The joints are controlled and comply with the Finger Joint code as specified in SANS 10096.
- Each unit of Biligom timber is tested by means of an inline proof grader to the actual load causing a fiber stress equal to the claimed characteristic strength.
- All Eucalyptus must be treated in accordance with SANS 1288 as specified in SANS 1707, and whereby Biligom complies.

Please contact your System Provider for any further information.

Yours faithfully

Lyndsay Cotton

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