

## NON-DESTRUCTIVE ASSESSMENT OF GLUING IN CROSS-LAMINATED TIMBER PANELS

Non-destructive assessment of gluing in cross-laminated timber panels consisting of three parallel layers of spruce wood laminae. The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

**ABSTRACT**  
Cross-laminated timber (CLT) panels are made of several parallel layers of three parallel layers of spruce wood laminae. The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

**1. INTRODUCTION**  
Cross-laminated timber (CLT) panels are made of several parallel layers of three parallel layers of spruce wood laminae. The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

**2. MATERIALS AND METHODS**  
The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

**3. RESULTS AND DISCUSSION**  
The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

**4. CONCLUSIONS**  
The assessment is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method. The method is based on the use of a laser-based ultrasonic method.

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