EXAMINATION OF SOME STRENGTHS OF DISMOUNTABLE CORNER JOINTS IN CONSTRUCTION OF FURNITURE MADE OF PARTICLE BOARDS

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ABSTRACT

The results of the research on destructive bending moments of corner joints of structural elements made of particle boards, where these joints are used mainly in construction of storage furniture.

It was found that the type of joints has significant influence on the destructive bending moment. This is defined by the type and size of joint elements and the area of contact surfaces of the joints. We also investigated the influence of using the product on the destructive moment of different types of joints.

It is recommended that the research results are taken into consideration in strength design of furniture.

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