



Adhesion Performance of Melamine-Urea-Formaldehyde Resins with Various Melamine Contents for Glued Laminated Timber by High Frequency Heating System

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Abstract:

This work attempted to investigate adhesion performance of melamine-urea-formaldehyde (MUF) resin adhesives for bonding glued-laminated timber (Glulam). Two preparation methods were employed to formulate MUF resins with various melamine contents from 20 % to 50 %: one-step method of synthesizing MUF resins in a batch...

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