FEATURE

420 Gaining Competitive Advantage in the New Normal by Rajat Panwar, Richard Vlosky, and Eric Hansen

REVIEWED ARTICLES


434 Crack Detection in Computer Tomographic Scans of Softwood Tree Discs by Martin Wehrhausen, Norvin Laudon, Franka Brüchert, and Udo Hans Sauter

443 Modeling Air Drying of Sitka Spruce (Picea sitchensis) Biomass in Off-Forest Storage Yards in Ireland by Glen Murphy, Tom Kent, and Pieter D. Kofman

450 Effects of Compressive Deformation on Wettability and Water Uptake Behavior of Poplar by Yang Zhang, Siqun Wang, Omid Hosseini, and Zhaobing Zhou

456 Estimation and Analysis of Sanding Length in Brush Sanding Specially Shaped Wood Products by Wang Baogang, Zhang Zhankuan, and Peng Xiaorui

462 Thermal Conversion of Pine Wood Char to Carbon Nanomaterials in the Presence of Iron Nanoparticles by Sung Phil Mun, Zhiyong Cai, Fumiya Watanabe, Umesh P. Agarwal, and Jilei Zhang

467 Efficacy of Pentachlorophenol in Biodiesel versus Diesel by Saeed Keshani Langroodi, Hamid Borazjani, Darrel D. Nicholas, Lynn M. Prewitt, and Susan V. Diehl

474 [Technical Note] Demonstration Results from Greenhouse Heating with Bio-Oil by Philip Steele, Don Parish, and Jerome Cooper

480 Substantial Bark Use as Insulation Material by Günther Kain, Marius-Catalin Barbu, Alfred Teischinger, Maurizio Musso, and Alexander Petutschnig

ERRATUM


The first full sentence in the second column on p. 50 should read “Also, formaldehyde (methanal [HCHO]) values of the particleboards were determined by the perforator method but not published.”

The fifth sentence under “Board manufacture” on p. 50 was missing information and should instead read “Resins including pure UF for the middle layers, 50 percent UF and 50 percent wheat protein for the surface layers, 1 percent wax, and ammonium sulfate [(NH₄)₂SO₄] (1% in the middle layer and 2% in the surface layer) as a hardener were prepared, mixed together, and applied by air spray to the tumbling particles.”

The unit of measure for MOE in Table 2 on p. 51 should be “kN/mm².”

The y axis labels in Figures 1 through 3 and 7 on pp. 52, 53, and 55 are incorrect. The correct labels are “MOR [N/mm²]” (Fig. 1), “MOE [kN/mm²]” (Fig. 2), “IB [N/mm³]” (Fig. 3), and “HCHO Emission [mg/1,000 g]” (Fig. 7).

The legend for Figure 7 on p. 55 is incorrect. It should read “Bottle method values of the panels with wheat protein binder after 24 hours.”