Thermography of Wood Under Compression Load

Surface temperature of small air-dried wood specimen of sugi (Cryptomeria japonica D. Don), hinoki (Chamecyparis obtusa Endl.) and white seraya (Parashorea sp.) under three types of compression load was measured by a thermographic device. The maximum temperature rises observed in this study were about 6 and 2 °C, for the longitudinal compression and the lateral and partial compression tests, respectively.