

TECHNICAL NOTE NUMBER B-6

FOREST PRODUCTS LABORATORY - U. S. FOREST SERVICE - MADISON, WISCONSIN

REINFORCEMENT OF FIBER BOXES

In the testing of fiber-board boxes at the Forest Products Laboratory of the U. S. Forest Service at Madison, Wisconsin, it was found that failures in these containers usually occurred at the horizontal scores or edges. To strengthen the scores, glued paper or cloth tape was applied to the outside of the box at these points. The tape was dipped in water for from one to ten seconds before applying it to the box, thus insuring greater adhesion. Proper taping added about 25 per cent to the strength or carrying capacity of the box.