

DATE 8/4/52  
SH. 1 OF 1

TMC SPECIFICATION NO. S-112

COMPILED BY  
RFB

TITLE: Wood Preservative

JOB 141

APPROVED X-7/7/

Tanalith Treatment (Wolmanized)

Lumber impregnated, under high pressure in retorts, with the following salts: Sodium Flouride (25%), Dinitrophenol (12 $\frac{1}{2}$ %), Di-sodium Arsenate (25%), and Sodium Bichromate (37 $\frac{1}{2}$ %).

Process

1. Lumber placed in steel cylinder.
2. A vacuum of 24" mercury is pulled to dry the wood.
3. Heated solution (140°F) is admitted to cylinder.
4. Vacuum is broken and 150 p.s.i. pressure is applied.
5. Pressure is removed and lumber removed from cylinder.

Degrees of Treatment

S-112-1 Standard (0.35 lbs. per cu. ft. of wood)

S-112-2 Heavy (0.50 lbs. per cu. ft. of wood)  
For severe service (direct contact with damp soil or water).

S-112-3 Extra Heavy (0.70 lbs. per cu. ft. of wood)  
For extremely severe service or tropical service.