### Design Properties

![Table of Design Properties](2018-Rosboro-Big_Beam-Design_Properties_Web.png)

*On 9¼" depth Fv=255 (psi)*

30F-E/DF2, Dry-Use  
Fv = 3,000 psi, Fb = 3,000 psi, Fv = 265 psi, E = 2.1 x 10^6 psi, Fcp = 650 psi

**Notes for Big Beam DF Design Properties:**

1. Beam weight is assumed to be 36.4 pcf  
2. Maximum resistive moment shall be adjusted by the volume factor based on NDS-15  
3. On 9¼" depth Fv=255 (psi)