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## Encore® NF55E

### General Description:

ENCORE NF55E is a zero VOC emulsified alkyd copolymer based on linseed/marine oils.

### Typical Properties:

Weight Solids: 53 - 57%  
Solution Viscosity: 3000 – 4000 mPa.s  
pH value: 6.5 – 7.5  
Package Size: Drum

### Application:

Wood Impregnation; Wood Finish

Due to excellent wetting properties and penetration properties, ENCORE NF55E is an excellent binder for water based wood preservatives, sealers and wood stains. According to the type of application, ENCORE NF55E can be diluted with water to a solids content of 10 – 35%. There is no need for the addition of driers, as the product already has the appropriate driers incorporated.

The incorporation of a biocide is recommended for the final formula. Wood preservatives, sealers and wood stains based on ENCORE NF55E exhibit adhesion and penetration properties and outstanding weather resistance, which are comparable or better than those of solvent based systems.

In combination with acrylates, ENCORE NF55E improves adhesion, weather resistance and reduces thermoplasticity.

