

Technical Bulletin #196
Pecora XL-Perm^{ULTRA} VP
Substrate Coverage Rate Guidelines

Pecora XL-Perm^{ULTRA} VP is a high solids, low mil, STPU based fluid applied coating for use on a variety of common building components.

Differences in coverage rate can be expected due to the varying degrees of porosity found among common building components. The amount of substrate absorption in combination with inherent volume shrinkage will ultimately dictate the coating coverage rate and dry film thickness (DFT).

Pecora recommends a coating dry film thickness (DFT) of 8 – 12 mils applied in a single coat.

The Pecora Technical Service Group has evaluated a variety of common building components for coverage/absorption rate. All coatings were applied and cured at standard laboratory conditions. The following results were obtained:



Substrate	Wet Film Thickness, mils	Coverage Rate, sq ft / gal	Dry Film Thickness, mil
USG Securock Glass-Mat Sheathing ¹	12	130	10
Georgia Pacific DensGlass Sheathing	12	130	10
National Gypsum eXP Sheathing	12	130	10
CertainTeed GlasRoc Sheathing	15	110	10
Exterior Grade Plywood	15	110	10
OSB (Oriented Strand Board)	13	120	10
Concrete Block	16	95 (+/-5) ²	10

¹Coverage rates are applicable to USG Securock (lightweight, regular & firecode X) with improved fiberglass facer mat.

²Concrete porosity will determine coverage rate.