

# XYLEXIN

HARDWOOD

## Xylexin® Wood Tables & Hardwood Floors

Eco-Durable™ coatings preserve wood far longer than oil-based sealers yet with no yellowing or bleaching and very low voc's.

### PENCIL HARDNESS TEST

ASTM D3363-00

Standard Test Method for Film Hardness  
Calibrated wood pencils are used to meet the following scale of hardness:

SOFTTEST	
6B	
5B	Impregnating Sealers
4B	
3B	
2B	
B	
HB	Industrial Acrylic Urethane
F	<b>Industrial Acrylic / Polyester Urethane</b>
H	
2H	<b>Automotive Acrylic Urethane</b>
3H	Powder Coating
4H	Pigmented Xylexin Topcoat
5H	<b>Clear Xylexin Topcoat and Sealer</b>
6H	Granite
HARDEST	

This test yields a reasonable guideline to judge coatings hardness & scratch resistance

### PROBLEMS

Typical oil-based hardwood floor sealers fail to meet trending voc regulations, leave lingering smells (re-coats force area shut-downs) and they yellow. They do not last longer than 2-3 years before the need to re-coat. Your floor "lives" through three sandings then must be replaced. Water-based sealers meet most voc requirements but they don't last and often get a milky appearance with age.

### SOLUTION

Xylexin Hardwood is proven to offer greater strength and durability than oil-based sealers with no yellowing. Further, at 96 grams/liter, the voc levels are lower than most water-based sealers. Xylexin rolls easily. At 92% solids (typical industrial-strength sealers are between 40-50% solids), there is no off-gas after four hours. That means less "shut-down" time for you.



*Xylexin Hardwood with anti-slip reduces slip and fall accidents while remaining easy-to-clean (no grit).*

### LONDON UNDERGROUND GRAFFITI RESISTANCE TEST

Tested to ATSM 523 (10 cycles)

	POLYURETHANE	XYLEXIN
MARKER PEN	Hand Rub / Light Stain	Hand Rub / No Change
AEROSOL PAINT	Heavy Rub / Permanent Stain Gloss Retention 80%	Heavy Rub / No Change Gloss Retention 100%
MAXIMUM SCORE POSSIBLE		<b>100%</b>
XYLEXIN SCORE		<b>98%</b>

*Wells Fargo Bank – Provo, Utah, five years post-application*

### XYLEXIN ASTM

Adhesion Beyond Any Industrial-Strength Coating

TEST	METHOD	TYPICAL RESULTS
ABRASION	Astm D4060 Abrasion Resistance of Organic Coatings by Taber Abraser (One Coat At 5-7 Mills Dft)	No more than 53 milligrams average loss after 1000 cycles with CS-17 wheels and 1000 grams load
ADHESION	Astm D4541 Pull-Off Strength of Coating Using Portable Adhesion Testers (One Coat At 5-7 Mills Dft)	No less than 2700 psi [average of three readings]
CLEVELAND HUMIDITY	Astm D2247 Testing Water Resistance of Coatings in 100% Relative Humidity (One Coat At 5-7 Dft)	No blistering or cracking after 5500 hours of exposure