



SPEEDCURE TEM /

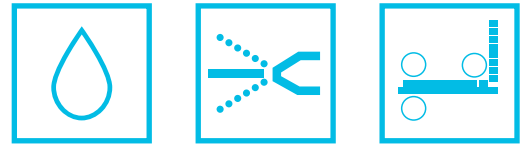
New water-based photoinitiator emulsion for wood and specialty coatings

USES AND BENEFITS

PRODUCT PERFORMANCE VS. MARKET STANDARD

- Superior stability as supplied
- Improved cured film properties
- Considerable increase in LED reactivity
- Good compatibility with various PUD resins

WATER-BASED SPECIALITY COATINGS



TYPICAL PROPERTIES	
Appearance @ 25°C	Cream coloured, uniform, free flowing liquid
Solids content* (%)	50

APPLICATIONS



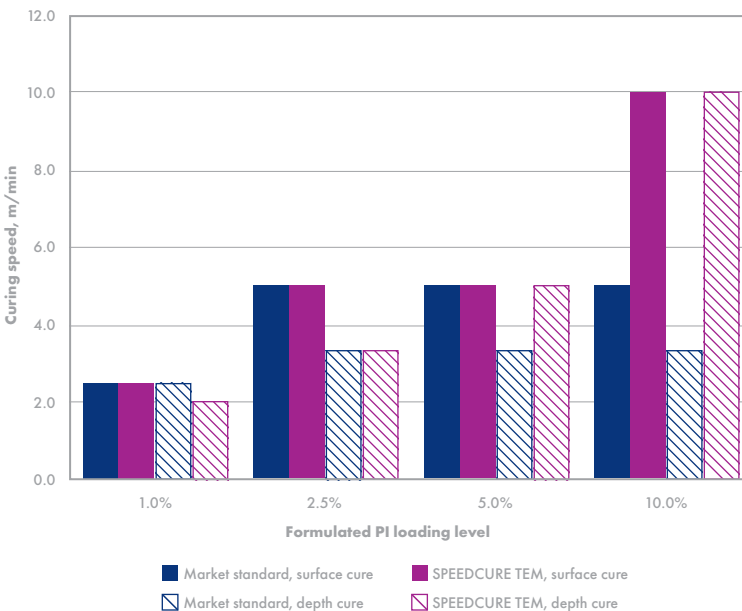
PVC AND LUXURY VINYL TILE



FLOORING AND FURNITURE

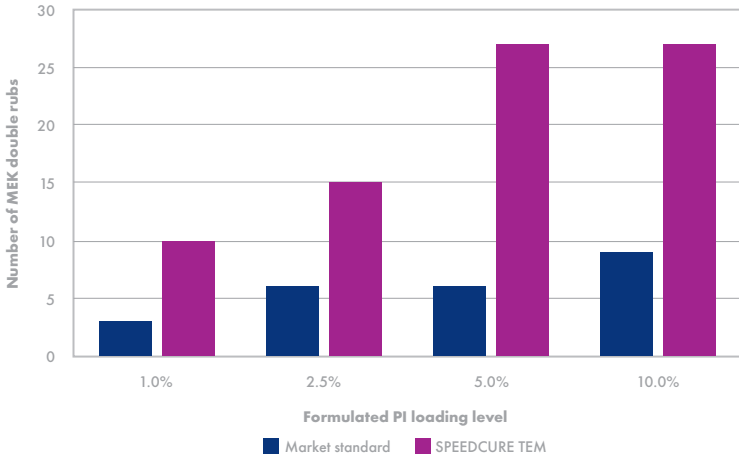
Regulatory information available on request. Please contact your local sales representative for further details.
*Test conditions : 2 g, 2 hrs, 105°C

CURING PERFORMANCE USING Hg LAMP



- 100% IMPROVEMENT IN SURFACE CURE SPEED AT 10% (w/w) LOADING LEVEL**
- APPROXIMATELY 3 TIMES FASTER DEPTH CURE SPEED AT 10% (w/w) LOADING LEVEL**

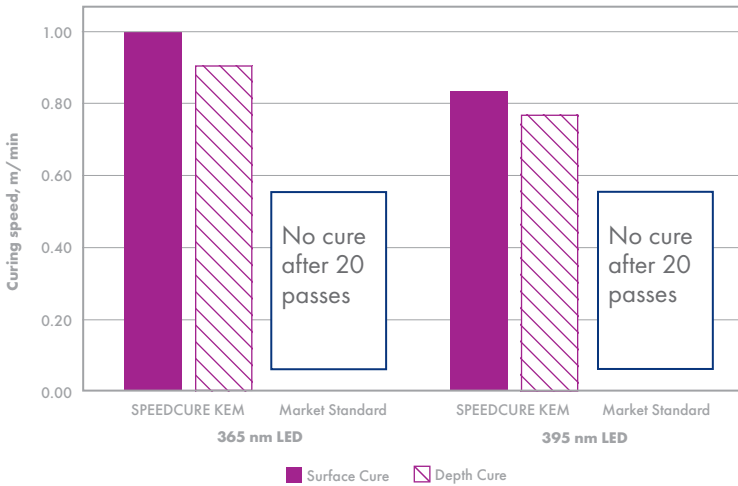
- ❖ Chemical resistance of the final cured film improves substantially when using SPEEDCURE TEM
- ❖ At loading levels between 5% -10% (w/w), for the same PUD resin an improvement of 150% -200% was achieved compared to the market standard dispersion



❖ **IMPROVED CHEMICAL RESISTANCE OF CURED FILM**

CURING PERFORMANCE USING 365 nm & 395 nm LED

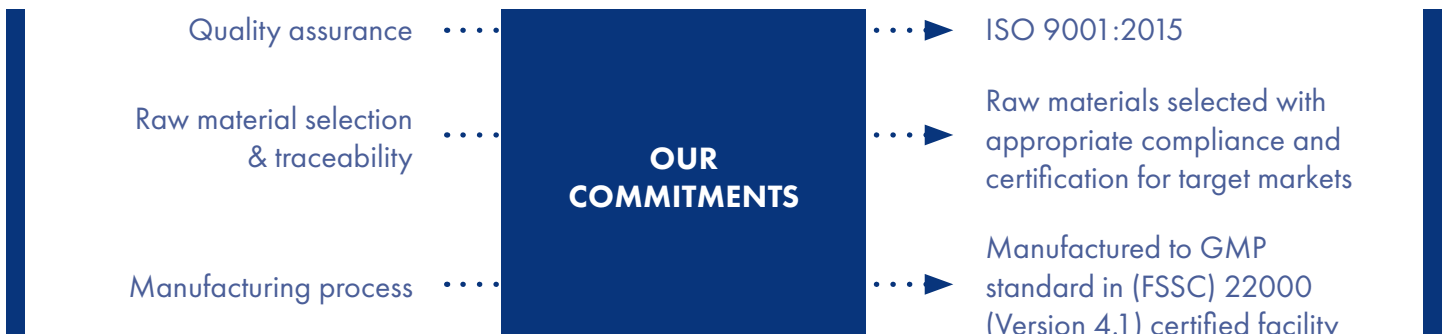
LED curing performance with same PUD resin



❖ **SUBSTANTIALLY BETTER SURFACE AND DEPTH CURE PERFORMANCE ACHIEVED USING 365 nm and 395 nm LED LAMPS ****

**Market standard did not cure after 20 passes. Test abandoned.

PRODUCT DESIGNED WITH SUPERIOR QUALITY STANDARDS



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