

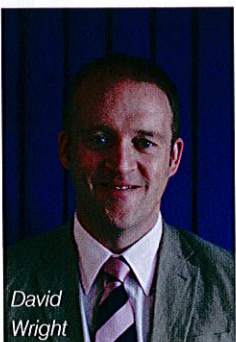
Sherwin-Williams has announced the launch of its Becker Acroma LED cure wood coating solutions for home and office furnishing, kitchen and bathroom fittings and interior joinery.

Sherwin-Williams launches Becker Acroma LED curing solutions



Sherwin-Williams technical centre in Märsta, Stockholm

Unlike traditional UV curing solutions, the Becker Acroma LED cure coatings harness narrow peaks of UV energy, namely 365nm or 395nm (+/-20nm). "LED lamps do not produce high heat or harmful ozone," says Dave Wright, managing director of Sherwin-Williams product finishes UK and Ireland.



David Wright

"With this lower temperature technology, it is possible to finish pine and other resinous wood species without high reject rates."

Additionally, because LED lamps generate less heat, do not produce ozone pollution and are free of heavy metals, this technology

can significantly improve work conditions for line staff while reducing environmental impact.

Manufacturers utilising LED curing technology on their line can expect the same high level finish realised with UV curing but with a number of additional cost-saving benefits.

"LED technology generates about 40% in energy savings," continues Dave. "Additionally, these lamps last thousands of hours, decreasing overall maintenance costs, and without a warm up cycle there is less down time."

The first plant to utilise LED technology will go into service in The Czech Republic in February 2012, where BJS will produce bedroom furniture. A number of UV lamps on the production line are currently being switched for LED units. "We've done an incredible amount of research and testing to get to the point where we are now sharing the benefits of LED

technology with our wood finishing customers," says Dave. "We can provide LED curing solutions for virtually every wood finishing need, whether clear or pigmented," he concludes.

With the launch of this new technology, Sherwin-Williams is assisting companies that want to switch from traditional UV curing technology to LED curing technology. "Our engineers can help anyone with the design or redesign of a production line, from project planning and testing all the way to start-up and beyond," states Dave. "We have found that production lines can even be shortened," he adds.

Sherwin-Williams' Becker Acroma LED cure wood coatings, first of its kind technology, will enable its customers to produce outstanding finishing results using the latest, environmentally preferable process.

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