



A Bayhydur® Bayhydrol® success story: HuaYun

Clivia and Covestro have jointly developed the waterborne PU coating with high hardness, film buildup and transparency, helping HuaYun in its waterborne project to improve the quality of furniture.



Enjoy the customized natural wood home furnishing life

As a customized wood furniture enterprise with "Heritage, Appreciation, Home" as its brand concept, HuaYun has advanced further in the improvement of furniture quality and sustainability by successfully using the technology of high-performance waterborne two-component PU coating. As is known to all, the waterborne coating process is different from that of traditional solvent-based coating, particularly to ensure coating effect. "With the technical support of Clivia and Covestro, we managed to complete the waterborne project in 2016. Choosing the high-performance two-component waterborne PU coating technology is in line with the brand positioning of HuaYun and better caters to consumers' demands for eco-friendly and healthy life." said Mr. Que Hongbing, Chairman of HuaYun.

Solving the odor issue of new furniture

The odor of solvent borne coatings has been a pain point of the furniture industry over the years. The odor of new furniture cannot be released completely in a short time after furniture is installed at home, which must be ventilated for months before people move in. Various products which are claimed to remove formaldehyde and odor on the market cannot effectively solve the problem from the source. HuaYun has made a great improvement in reducing odor by successfully using the two-component waterborne PU coating technology. It enables consumers to enjoy natural wood home furnishing life earlier and gives a safer working environment to workers at HuaYun. Meanwhile, it also dramatically decreases the impact of coating process to the surrounding environment, contributing to the sustainable development of China's furniture industry.

"With low volatile organic compounds (VOC) and lower odor, the high-performance waterborne two-component PU coating technology adopted by HuaYun has the VOC content less than 100 grams/liter and reduces the odor of coatings through a unique formulation. It took us half year to complete the project, and our partners are very satisfied with the result." explained Mr. Ma QiangHua, Technical Director of Clivia Waterborne Coating Division.

The waterborne PU coating technology enriches the natural beauty Story of time is embedded in every detail of customized wood furniture. And the natural beauty can be enriched with high quality waterborne PU coatings. Thanks to Bayhydur® and Bayhydrol® waterborne raw materials, Clivia has developed waterborne PU coatings with high hardness, excellent film buildup and transparency.

A joint laboratory of waterborne wood coatings between Covestro and Clivia was established in Shanghai at the end of 2016. The lab is focused on developing new waterborne PU coatings for furniture industry.



HuaYun advocates environment-friendly and healthy lifestyle by adopting the technology of high-performance waterborne two-component PU coating with very low odor.

Coating Supplier:	Clivia Coating
Coating Raw Material:	Bayhydur®, Bayhydrol®
Furniture Brand:	HuaYun, Beille Meca

In cooperation with:



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