



Flawless Paper

The paper that does not copy defects: thanks to its hard inner core, the new technological DIP Foil Finline Decor Paper can be laminated on plywood panels with low quality covers without replicating surface imperfections

Words Renato Antonini

One of the goals of the new DIP Foil Finline decorative paper is to solve today's procurement and cost problems. The product is a newly developed decorative paper, created in the Research & Development department of Decor In Printing. It is designed to offer exciting, easy and more profitable options to companies operating in the field of finishing plywood panels for vehicle interiors and to motorhome and caravan manufacturers.

It is well known that almost all RV furniture in Europe is made of plywood panels finished with decorative papers. A high-quality outer surface (cover) of the panel is normally used for glueing decorative paper to achieve a superior result. These covers are expensive (if the imperfections need to be fixed with putty by hand) and now that logistics

from the Far East are very complicated and less cost-effective, even engineered wood covers are unavailable in practice.

"The wood lamination industry, like so many other sectors, is facing a difficult time due to logistical problems as well as rising costs of transport and materials", explained Matteo Confalonieri, CEO of Decor In Printing. "For this reason, at Decor In we have decided to take action by developing a decorative paper with which there is no longer a need to use panels with high-quality covers, suitable for wood lamination."

DIP Foil Finline is a

technological surface with a hard inner paper core and an ideal thickness to avoid replicating the imperfections of the underlying surface commonly



Matteo Confalonieri



Raw Poplar Plywood Face BB Quality



Standard Decor Paper Foil/PVC
Visible defect after lamination



New Dip Foil Fineline 3D HR

- Rigid Core
- Masking of face defects
- Final result with Dip Foil Fineline 3D HR of BB surface = B surface quality
- Great saving coming from usage of BB face instead of B face

Style and technology

The presentation of the new DIP Foil Fineline technology foil confirms Decor In Printing's ability to work either technologically and creatively. Decor In Printing works primarily as a supplier to panel companies, which supply RV manufacturers. Decor In Printing's technical and creative departments provide manufacturers with all the support they need to identify the most suitable type of paper, in terms of colour, design, surface type and special treatments.

Customers can choose a type of decoration from the company's extensive catalogue or can ask the creative department of Decor In Printing to develop one for them.

Customers can also ask to industrialise a decoration created by a design studio of their choice. The creation of a new decoration takes place in two steps in the design department of Decor In Printing. First, the most current stylistic trends are analysed, seeking inspiration in other areas, like the furniture, textile and ceramics sectors, and then the original materials chosen (wood, stone, textiles, etc.) are "photographed" using sophisticated machinery to reproduce them faithfully, down to the smallest detail. Traditional rotogravure or digital printing is used.



Pasquale Gesualdi
Creative Director

found on plywood panels.

DIP Foil Fineline is a technological product but it is not expensive. The price increase compared to normal paper is roughly 10%. Therefore, by using lesser quality panels, wood finishing companies can achieve a real economic advantage in the end.

Resistant, antibacterial and 3D

Although being stiffer, the new DIP Foil Fineline technology sheets retain the same surface characteristics as the DIP Foil Standard paper produced by Decor In Printing, which is ever more popular among RV manufacturers.

They can have the same characteristics as an HR, 3D and Silver Coat Foil. The HR (high resistance) code indicates decorative papers are extremely resistant to abrasion and micro-scratches, having level C scratch

resistance (ranking as "good" according to UNI EN 15186:2012) and level D abrasion resistance (according to UNI EN 15185:2011).

As far as 3D characteristics are concerned, the paper has a three-dimensional surface, which replicates the wood grain in tune with the design. This particular three-dimensional surface is achieved with chemical embossing using an expanding technology product. The 3D effect can also convincingly replicate the surface of the wood in terms of alternating hard and soft parts.

Finally, SilverCoat identifies the antibacterial version of DIP Foil decorative paper with CATAS certification.



By using silver ions, the surfaces eliminate all bacteria within 24 hours. Originally developed to meet the needs of the hotel industry, SilverCoat paper may have interesting applications in the RV sector, for instance for rental fleet vehicles.