

A large graphic with a blue square containing a white number "2", followed by the word "REASONS" in large white letters, and "PANEL REPAIRING IS ESSENTIAL" in smaller white letters below it. The background is a blurred image of a wood panel being processed by a machine in a factory setting.

2 REASONS

PANEL REPAIRING IS ESSENTIAL

Wood panels are used in many applications in construction, furniture, or the automotive industry. Film faced plywood panel has strict end-use requirements for strength and moisture resistance, and they need to be manufactured and finished with precision. The overlaying ensures the panel's longevity and durability in all applications.

The surface of a panel needs to be uniform and solid when producing high-quality panels. Sometimes during the process, some holes, surface irregularity, cracks, or dents can occur which make the panel unusable for coating, and in many applications, it is intended.

Therefore, industrial panel repairing before finishing is the right and the only solution to ensure the panels' quality and ability to be used without fear of any malfunction.

So, why and how to repair panels to make them usable, long-lasting, and high-quality? Keep on reading to learn more.

Reason 1 Higher value for panels

Various damages at the end of the process will never heal by themselves, making the panel repairing the only option.

During the production process, it is possible to optimize what is being repaired. For example, in dry grading, certain types and sized defects can be allowed for face grade to be repaired later before overlaying. Automation and optimization make this possible.

This enables higher graded panels and naturally higher value for the end product. The process has already consumed time and resources so upgrading the products to a higher quality class and increasing chase value are reasoned.

The automated and optimized process also brings labor cost and repair material savings. The optimized process doesn't consume too little or too much material, nor you won't repair too much or too little of what is required.



Reason **2** Overlaying made possible – profitably

In principle, the panel surface needs to be even and solid to be overlaid. In some cases, as described above the panel needs to be repaired before overlaying. If the panel surface is uneven, it may cause the overlaying to break or it doesn't reach the requirements.

Before the overlaying, the panel is examined with machine vision analyzers and the intelligent machine prepares the repairing settings. The machine automatically repairs the panel surface, and it is then instantly ready to be overlaid with any option needed.

The examination enables the highest possible panel quality which naturally means the highest possible value. Depending on the end product, the machine picks the most suitable repair method that can be for example routing, putty, polyurethane, or epoxy.



So, why waste more time and material?

In conclusion, industrial repairing gives the producer many upsides with no downsides. We have proved that customer complaints decline after the panels have been repaired and the end product quality has been upgraded. Taking this into a part of your production, you no longer produce unusable material where the overlaying is the most important factor.

As we have stated, and we courage you to think this – the value of the raw material and end products increase when all the process phases have been carried out optimized without any sacrifices. The panel repairing is not a major investment into the process but it brings significant benefits to you and your customers.

With optimized industrial repairing the world-class overlaying is nothing but proven.



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