

General Information regarding

Profile Wrapping with Solvent Adhesives and PUR Hot Melt Adhesives

Solvent Adhesives:

Solvent adhesives are the oldest known adhesives in the field of profile wrapping of plastic profiles and aluminium profiles and have been used for many years. Especially in the field of profile wrapping of fleece laminated veneers with solvent adhesive we must point out that a solvent which is covered up may etch or destroy any fleece lamination based on PVAc. Thus the fleece backing may delaminate from the veneer after a certain period of time if too much adhesive is applied, the time for evaporation is too short, or if the profile is sealed too tightly, e.g., with a protection foil. This reaction is identically in the case of laminations in the quality D2, D3 or D4.

Please discuss the details with us. This method is still used and very secure when taking into account possible problems.

PUR Hot Melt Adhesive:

Solvent adhesives have been replaced by PUR hot melt adhesives in the field of profile wrapping. However, PUR hot melt adhesives have disadvantages in some fields:

Not all PUR hot melt adhesives are longterm UV-resistant. That means that, for instance, those systems are rarely used in the automotive industry for gluing dashboards, steering wheels, gear levers or ashtray lids, because the veneers become very thin and translucent through sanding.

Thus we have taken our PUR fleece backings from the market and have produced on the basis of PVAc-D4 again since years.

In profile wrapping a veneer having a corresponding fleece backing is at the same time a UV block as well so that we have not experienced any disadvantages so far regarding the traditional profile wrapping with PUR hot melt adhesive.

General Information:

Should you wrap or glue our standard fleece backings with solvent adhesive or PUR hot melt adhesive, please have in mind that our fleece backing based on PVAc-D2 or PVAc-D3 is less water resistant than the conglutination to the profile. Hence a complaint cannot be contrived. You should define the requirements of the profile, and we choose the necessary adhesive system for the fleece backing.

We have all test results for the automotive industry, especially for the fleece P50/D4 Automotive, the goods are resistant to boiling water, longterm UV resistant and as a consequence they meet all requirements for motor vehicles, windows/doors internally, etc.

Please send us a specific inquiry.

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