

Press Release

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New Panacol adhesives cure with uv/moisture

Panacol developed a variety of new adhesive products with low ion content which cure with uv light and moisture. These products were specially formulated for applications in the electronics and consumer electronics industry, where heat sensitive parts must be assembled.

Vitralit® UD 8050 is a one-component acrylic adhesive, which can be used as an encapsulant to protect electronic components on PCBs. Vitralit® UD 8050 can be cured with uv or visible light. Moisture postcuring ensures full cure in shadowed areas or deeper layers of the adhesive, which cannot be reached by light.

For specific requirements several versions of the adhesive are available: **Vitralit® UD 8050 MV F** allows enhanced flow control and focused dispensing on each component thanks to its shear-thinning behavior. Its low ion content prevents corrosion on electronic components. For superior process control Vitralit® UD 8050 MV F contains a fluorescent marker.

For jetting, the low viscosity version **Vitralit® UD 8050 LV** is the perfect solution. Thanks to its easy dispensing and fast curing Vitralit® UD 8050 LV is very convenient for applications in the production of consumer electronics where a high throughput is needed.

By default, the adhesive is transparent, but it is also available in blue or fluorescing versions. Other colors are available on request.

About Panacol:

Panacol-Elosol GmbH, a member of the global Hoenle group, is an international supplier of adhesives with an extensive product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Panacol is also a reliable provider of UV processing systems, supported by Dr. Hoenle AG. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems.