

KIWOBOND® UV 3006

UV-light curing frame adhesive, especially suitable for the G-BOND UltraCure unit

KIWOBOND UV 3006 is a UV reactive, one-component adhesive for the chemically and physically highly resistant bonding of screen printing meshes onto aluminium, steel and galvanized iron frames. The bonding is resistant to all common screen-printing inks and cleaning agents. KIWOBOND UV 3006 is low viscous and especially suitable to be applied by the dosing unit of the G-BOND UltraCure unit.

PROPERTIES

KIWOBOND UV 3006 is a very fast curing, UV-reactive adhesive and sensitive in a wide UV-wave length range. It is odourless, easy to apply and, with the exception of chlorinated hydrocarbons, very solvent resistant after curing. KIWOBOND UV 3006 is suitable for all mesh types. In general, used or destroyed meshes can easily be removed from the frame.

Notice: Due to the many variables of available frame types and their condition, it is recommended to test the suitability of KIWOBOND UV 3006 for the particular frame.

APPLICATION

Before use, thoroughly remove any old adhesive residue from the frame. Best adhesion can be achieved on sandblasted aluminium frames. To stretch again successfully, the old adhesive film must be even and without break-outs, a surface roughness of max. 40 µm is required. The solvent resistance can be reduced due to the old adhesive film.

The viscosity of KIWOBOND UV 3006 was chosen in a way that the adhesive, after being applied by the G-BOND UltraCure unit, fills the mesh without any further manual action, however stops at the frame's edges, thus achieving a clean and economic adhesion on the frame.

KIWOBOND UV 3006 is sensitive to light, make sure the original container is being opened only for a very short time when taking out material.

CLEANING

Unhardened: KIWOSOLV L 63

Hardened: Complete removal of hardened adhesive residue can only be made mechanically i.e. using a belt or an angle grinder.

COLOUR

Colourless

DENSITY

Approx. 1,12 g/cm³

VISCOSITY

Approx. 550 mPas (Brookfield RVT, spindle 1, 20 r/min, 20°C)

SOLIDS CONTENT

100%

This data sheet is for your information. A legally binding assurance of the product's suitability for a specific purpose cannot be derived from it and no liability can be assumed for any potential damages that may occur. Liability for damages due to a slightly negligent breach of duty on our part or on the part of our legal representative or vicarious agent is excluded. Our liability for damages due to injury to life, body or health is not covered by this limitation of liability. Our products are subject to continuous production and quality control and leave our company in perfect condition.

This product is intended solely for industrial applications and not for use by the end consumer. We recommend to our customers to always test the product themselves since only in this way – also after production – can the freedom from certain substances and the suitability for a particular purpose be verified. The user has to test the product for suitability for the intended application. We reserve the right to modify product specifications. Tests that are not part of the specifications of the product mentioned above have not been carried out. All information applies only to the above-mentioned product obtained from Kissel + Wolf GmbH. It corresponds to our current state of knowledge, but is not a confirmation of a particular application and is not automatically replenished.

All information is valid for a maximum of 12 months from the date stated above (annexes may be provided with their own date). Any industrial property rights as well as existing laws and regulations are to be observed by the recipient of our product on his own responsibility. Intellectual property rights of third parties must be observed. Our terms and conditions of sale and delivery shall apply.

**HEALTH HAZARDS/
ENVIRONMENTAL
PROTECTION**

Please follow further information given in the material safety data sheet.

STORAGE

12 months (at 20 - 25°C and tightly closed original container). Use opened bottles soonest possible.

KIWOBOND UV 3006 is temperature sensitive and must therefore not be heated over +30°C.