

KLEIBERIT 831.0

Primer

Fields of application

For priming

- Plastic and metal profiles

Advantages

- Because of its fluorescent properties, the user can easily control if the primer is applied uniformly over the complete surface.
- KLEIBERIT 831.0: certified in accordance with RAL-GZ 716

Properties of primer

Base:	poly-condensed resin
Solvent:	chlorinated hydrocarbons
Primer 831.0:	fluorescent
Specific gravity:	approx. 1.3 g/cm ³
Solid content:	approx. 2.5 %
Viscosity (4 mm DIN cup):	approx. 10 seconds
Colour:	colourless-transparent
Thinner and Cleaner:	KLEIBERIT 821.0
Identification:	see our safety data sheet

Application

KLEIBERIT 831.0 is used in the wrapping of PVC and metal profiles.

The primer are applied by means of a felt insert in the primer station of the wrapping machine. The primer must be liquid when applied to the profile surface in order that the solvent can react with the PVC.

An even application to the entire surface to be glued is most important and the profile surface must be distinctly wet after primer application.

Owing to the fluorescent properties of Primer KLEIBERIT 831.0 this can easily be checked by means of a UV-light, (black light).

Before entering the wrapping zone the profile surface is dried by means of hot air blowers.

The primer application and the function of the solvent contained therein is most important for the strength and the ageing resistance of the bond.

For coatings according to RAL-GZ 716, the German Quality Association for Plastic Window Profile Systems recommends a wet application rate of 20–60 g/m². The most suitable application rate should be determined in preliminary tests.

Primer Application Devices

To avoid interactions between metal and primer, the primer application devices must be free of copper, brass, bronze, aluminium and galvanized metal.

When changing types of primer, the primer reservoir must generally be entirely run empty or drained. Afterwards the reservoir, supply lines and the complete dosing station are cleaned with Cleaner KLEIBERIT 822.5. The primer application felts must be changed. Only then can new primer be filled into the primer system and processed.

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Packaging

KLEIBERIT 831.0:

carton with 12 bottles at 1 kg net each
metal canister, 4.5 kg net
metal can, 35 kg net
metal drum, 250 kg net

Additional packaging sizes available upon request.

Storage

KLEIBERIT 831.0 is not frost sensitive.

Containers may be under pressure, especially at higher temperatures (>25 °C) as well as after transport. Therefore, slowly bring to room temperature and stir well before processing.

Store in a cool (not over +30 °C) and dry place.

Protect from direct sunlight.

KLEIBERIT 831.0 can be stored in factory-sealed containers for approx. 2 years at 20 °C.

Version 05.08.2025 as; replaces previous versions

Adhesive and Waste Disposal**Waste code 140602**

Our containers are made of recyclable material. Well drained containers can be recycled.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.