

KLEIBERIT 657.0.31

UV-curing roller top coating, super matt, colour 031, for KLEIBERIT HotCoating®

Fields of Use

- Photosensitive UV top coat for the KLEIBERIT HotCoating® technology in colour 031 and a gloss level of < 5 units.

Characteristics of 657.0.31

Base: UV curing acrylates

Specific weight (at 20 °C): approx. 1,49 g/cm³

Solids: >99% (theoretical value)

Colour: 031

Gloss level 60°: < 5 units
The gloss level depends on the processing parameters.

Viscosity at delivery (at 20 °C)

6mm DIN cup: 25 - 35 seconds

Identification: See our safety data sheet

Processing

Ambient and substrate processing temperature: 22 - 28 °C

Application with roller applicator: 25 - 45 g/m²

Application viscosity: viscosity at delivery

Stir well before use.

All process relevant properties must be checked before processing.

Drying/UV-Curing

Precuring: excimer

Curing: 10 m/min

UV-Dosis*: 880 - 930 mJ/cm² (Hg) and

UV-Dosis*: 350 - 400 mJ/cm² (Ga)

* The stated UV doses are empirical values based on measurements with „UV-Disc A002400 (Full-UV: 250 – 410 nm)“ by UV-Technique.

It is crucial to determine the processing conditions for optimal results before starting production.

These depend on the systems technology as well as on the substrate to be coated.

The final properties like adhesion, scratch resistance and sanding properties have to be monitored continuously.

Cleaning

Soiled application tools and machinery parts to be cleaned immediately with KLEIBERIT 820.0.

Packaging

KLEIBERIT 657.0.31 UV TopCoat

metal pail, 30 kg net

IBC, 1,300 kg net

Cleaner

KLEIBERIT 820.0

metal can, 22 kg net

Additional packaging sizes available upon request.

Storage

Shelf life in factory sealed containers (at 5 - 25°C) is at least 12 months.

Storage at high temperatures can shorten the shelf life.

Recommended transport temperature:

-10 °C to 35 °C

The product is not frost sensitive to 0 °C.

Protect from light and heat.

Version 19.06.2024 xv; replaces previous versions

KLEIBERIT 657.0.31

Adhesives and Packaging Disposal

Waste Code 080111

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.