

KLEIBERIT 657.9.44

UV curing top coat for roller application, high gloss, colour 044 (polar white), for KLEIBERIT HotCoating®

Fields of Use

- Photosensitive UV top coat for the KLEIBERIT HotCoating® technology in colour 044 and a gloss level of > 90 units.

Advantages

- Good scratch resistance

Characteristics of 657.9.44

Base: UV curing acrylates

Specific weight (at 20°C): approx. 1.49 g/cm³

Solids: > 99 %

Colour: 044

Gloss level < 60°: > 90 units
The gloss level depends on the application quantity.

Viscosity at delivery (at 20°C)

6mm DIN cup: 28 - 38 seconds

Identification: See our safety data sheet

Processing

Ambient and substrate processing temperature: 18 - 22 °C

Application with roller applicator: 35 - 55g/m²

Application viscosity: viscosity at delivery

Stir well before use.

All process relevant properties must be checked before processing.

Drying/UV-Curing

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 Cleaner 820.0 toluene-free.

Packaging

KLEIBERIT 657.9.44

metal pail, 30 kg net

KLEIBERIT Cleaner 820.0 Toluene-free

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 6 months.

Storage at high temperatures can shorten the shelf life.

Recommended transport temperature: 0 – 35 °C

The product is not frost sensitive to 0 °C.

Protect from light and heat.

Version 11.04.25 Iz; replaces previous versions