Heraeus

Silkscreening Covercoat L 406 / L 406 thix for Porcelain, Bone China, Earthenware, Glass and Enamel

1 General Information

L 406 is a strong, elastic covercoat, which particularly keeps within bounds due to a solid but nevertheless flexible layer. A special feature of L 406 is its' mild smell and fast drying.

L 406 can also be bought in thixotropic form. The thixotropic viscosity prevents the separation of even the finest colour lines on vertical position.

On request we also deliver the covercoat coloured.

2 Storage

Interleaving paper is required for the storage of decals.

3 Application Information

The processing of the screenprinting covercoat can be done by hand printing, half automatic and automatic flatbed or cylinder printing machines. The application temperature of L 406 should not be below 20°C/70°F. Lower temperatures make an even distribution of the isolating medium harder and can lead to an uneven covercoat film, in extreme cases bubbles may appeare.

We recommend a 24-120 or 32-120 polyester screen or a corresponding steel screen. The drying period, depending on the length of the continuous-flow dryer, is between 20 - 30 minutes, in a chamber dryer approx. 4-6 hours.

4 Storage Time

The covercoat should be used within six month after its delivery.

5 Technical Data

Viskosity (20°C/68°F)	: Flow time measured in a 6 mm Din-cup 95-105 sec. for L 406
Extension	: approx. 30%
Solids content	: 42%
Screen cleaner	: V 28, V 49
Thinner	: V 41

6 Safety Data

The current safety data information can be obtained from our material safety data-sheet (MSDS), these can be acquired on request.

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