



Peelable resist L 138/5 for Screenprinting

1 General Information

L 138/5 is a dry peelable covercoat for covering areas which are not to be decorated. L 138/5 is also a decal covercoat for the application of the organic colours and protective varnishes on decal paper for transfer to various substrates (metal, glass, porcelain, plastic).

For the final application or for curing or firing the decoration or sandblasting and etching of the substrate, the covercoat is removed. It is preferable to use 2-component or UV-curable colour and varnish system. If solvent containing colours and varnishes are used, it is necessary to check the resistance of the dried colour or varnish layer to being dissolved by the covercoat in order to ensure perfect removal of the covercoat.

2 Storage

Interleaving paper is required for the storage of decals.

3 Application Information

Peelable resist L 138/5 is either applied to the area of the ware to be protected by means of direct silkscreening or decals. Important: Please stir the covercoat before printing.

3.1 Direct Silkscreening

- Printing of the resist with a Nylon 43-80 (T) screen or a corresponding steel screen.
- Drying (minimum 2 to 3 hours).
- Printing off a second resist layer in order to strengthen the film.
- Drying (minimum 2 to 3 hours).
- Application of the colour-, or precious metal decor.
- Peeling off of the covercoat film.
- Firing of the decor.

3.2 Production of Decals

- Printing of the resist with a Polyester 43-80 (T) screen or a corresponding screen on decals paper.
- Drying (minimum 2 to 3 hours).
- Printing off a second resist layer in order to strengthen the film.
- Drying (minimum 2 to 3 hours).
- Soaking the decal in water and transfer to the ware. It is very important to soak the decal well, since remaining glue will hinder later peeling off of the covercoat film.
- Drying (minimum 2 to 3 hours).
- Application of the colour-, lustre and precious metal decor.
- Peeling off of the covercoat film.
- Firing of the decor.
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4 Storage Time

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

The statements concerning our products correspond to our current knowledge and experience. It is the obligation of the purchaser to examine the usefulness of the products in its intended use in each individual case. In order to prevent production losses the user has to test the preparations in connection with every other material being involved in the production process and has to be satisfied that the intended result can be consistently produced.

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5 Technical Data

Viscosity (20°C/68°F)	: Flow time measured in a 6 mm Din-cup 58-65 sec.
Solids content	: 44%
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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