Antimarking Plate Technical Information
(KBA Rapida 105/106 Coater)

An antimarking plate is a multi-layer cover for the coating plate cylinder, consisting of a ink-repellent surface, laminated onto a substrate, with a medium-hard lay-up below it. The antimarking plate functions as a sheet guide element on the coating tower for print jobs without coating operation. It is used in perfector presses with coater, and in machines with a double coater (in the second coater).

- *In perfector presses, the antimarking plate is used in perfecting mode, if the printed sheet does not adhere to the surface of the impression cylinder during printing jobs without coating operation, slips into the area of the carriage shaft, hits and smears the sheet deflectors.*
- *In machines with double coater, the antimarking plate is used to guide the spreading rear edge of the carton past the coating plate cylinder without scratches.*
- *The antimarking plate is installed in operation without coating. It must be removed for operation with coating and replaced by the coating plate.*
- *Clean the antimarking plate as described in the cleaning instruction.*
- *The antimarking plate must be renewed if necessary.*
- *The coating plate cylinder cover with antimarking plate changes compared to the coating plate cylinder cover with coating plate or blanket mat and must be entered in the control panel according to its thickness as the value “blanket mat above bearer”.*
- *The antimarking plate is 1.29 mm thick.*

I. Removal of the cloth mat used to date

To do this, use the KBA instructions for use of the cloth mat and follow all safety instruction. Please look out for any contamination on the glued-on undercloth and remove it.

II. Installation of the antimarking plate

When installing the antimarking plate, follow the KBA instructions for use to clamp the coating plate.

III. Adjusting the Kissprint

The machine must be prepared at the control panel for use of blanket mats.

Before starting printing, at the control panel:
Open the “Machine” control panel menu (printer configuration).
On the control panel screen, preselect the “blanket mat” button.
The setpoint values of the printing pressure adjustment for the blanket mat in the coater tower are loaded.

The anilox roller (coating roller) is locked.

NOTE
If the “blanket mat” button is not preselected, the setpoint values of the printing pressure adjustment for a coating plate are loaded!

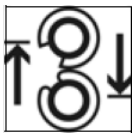
The following steps 1 to 4 describe how to check the Kissprint.

Kissprint is only possible for the printing material thicknesses given in the table:

Fall	Bei Druckbogen dicker als:	
	mm	inch
Druckzylinderdurchmesser 600 mm	0,6 *)/ 0,7 **)	0.024 *)/ 0.028 **)
Druckzylinderdurchmesser 600,6 mm (vergößerter Durchmesser aufgrund der Jackets)	0,3 *)/ 0,4 **)	0.012 *)/ 0.016 **)

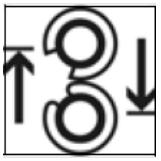
*) for self-adhesive rubber cloth 2.1 mm thick
**) for self-adhesive rubber cloth 2.0 mm thick

1. Insert a test printed sheet in the print gap of the coater.



2. Press the button. The button lights up. Print in the coater is switched on.

3. Pull the test printed sheet from the print gap. The printed sheet must be very easy to pull out of the print gap.



4. Press the button. Button does not light up. Print in the coater is switched off.

4. Remove the test printed sheet from the coater.

Reverse the above procedure to remove the antimarking plate.

IV. Care and maintenance

The antimarking plate is a durable antimarking cloth and has a permanent cross-connected silicone overcoat. The tool life depends on use and maintenance. To increase the length of the life, we recommend removing any colour build-up regularly. Do not allow the coating to dry on, as dried coating is difficult to remove and chafing can then damage the surface of the antimarking plate.

Use a mild rubber cloth washing product (e.g. AIII), dilute it with 50 % water and use a lint-free cleaning cloth, or ideally a sponge. Now clean the surface with the damp cleaning cloth or sponge by applying light, uniform pressure.

Never use a spatula, knife or a sharp/abrasive tool on the surface of the antimarking plate. Avoid permanent, excessive chafing in one place, as this irreparably damages the glass bead structure of the antimarking plate.

Here another particular note on cleaning your antimarking plate:

Due to the special overlay of the plate, coating can remain in the intermediate spaces of the glass bead structure. This causes the orange-coloured surface of the antimarking plate to become a dark colour over time. This discolouration does not impair the antimarking properties of your plate in any way whatsoever!

This means you can clean your antimarking plate very quickly and easily. In addition, you maintain the ink-repellent silicone layer of the cloths.

If you have any technical questions, contact: CITO-SYSTEM GmbH +49 (0)911 95885-

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