CeraCoat ATX

Thixotropic and antiblocking cover coat for the production of transfers

Chemical basis:
Polyacrylates in solvent

Characteristics:
Appearance: clear liquid gel
Solubility: water-insoluble
Viscosity: Haake rotational viscometer, spindle 1, 24°C, 30-35 dPas
Density (20 °C): 0,95 g/cm³
Solids content: (1 h, 150 °C): approx. 42 %
Flash point: above 23 °C

Safety data: see MSDS

Shelf-life / Packaging:
12 months when stored properly in a dry, cool place
drums of 28 und 180 kg

Application:
CeraCoat ATX is a universal cover coat for the production of transfers for porcelain, ceramic, glass and enamel, which burns out without leaving residues. This cover coat has both excellent levelling properties as giving a layer of even thickness with sharp contours. Due to its relatively high thixotropy it does not run down in the Wicket and has no blurring to the printing sharpness.
This cover coat is suitable for both flat bed and rapid cylinder machines with 20/cm to 30/cm fabric.
The drying time at room temperature is 30 to 40 minutes.
CeraCoat ATX does not contain particles so there is no danger of sedimentation of way particles and the plasticity is as good as with regular cover coats.
Transfers with **CeraCoat ATX** do in most cases not require interleafing.
CeraCoat ATX yields a stable and elastic film for the decoration of flat and relief tableware.

The blocktest was carried out under the following criteria:
3 colour layers 68/64 polyester screen, pastes with **CeraGel 21 thix** 10 : 10, line work and area printing. Cover coat with 27/120 polyester screen, drying 3 hours at 25 °C in the Wicket, at a counterflow ventilation of approx. 1300 m³/h. Start of blocktest after 7 hours after cover coating. 7 days at room temperature and a pressure of 5000 N/m². Two more days at 50 °C and a pressure of 2000 N/m².

We recommend our machine cleaner **CeraClean** for cleaning the stencils and other equipment.

Safety information:
On account of its solvent content **CeraCoat ATX** must be kept away from all open flames.
Drums should always be stored tightly sealed.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

6. June 2017