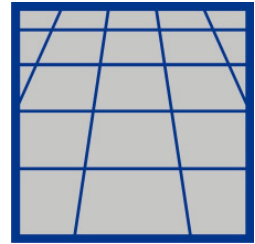


Media for cylinder printing (Rotocolor[®] / Laserroll)



DECOFLUX WR

Application

Media for cylinder printing form pastes for the production of cylinder printed decorations. Depending on the printing process (relief printing or engraved printing) different media are available.

Thanks to the special composition of the products the following important properties are achieved during application:

- excellent pigment absorption
- pigment dispersion properties
- stable viscosity of the pastes
- slow evaporation
- good application of colour
- no sedimentation

Mode of action

The raw material base of the media for cylinder printing available from Zschimmer & Schwarz are **organic polymers in aqueous glycols**. Drying depends almost exclusively on the absorbent action of the raw glaze film.

The different viscosities of the printing colours are adjusted depending on the diameter depth of the engraving. Detailed information on this can be obtained from the individual technical leaflets.

As these additives contain dispersing components, which via an equalization of surface charges, cause the neutralisation of attraction forces between individual pigment particles, therefore **agglomerate free pastes** can be produced. Well dispersed pigments are a prerequisite for **uniform colour shading**.

The good printing characteristics result from the short clear structure of the decorating colours when combined with the paste media, ensuring a **good application of colour**, even over an extended printing time.

As the media for cylinder printing available from Zschimmer & Schwarz are free from organic solvents, **pollution of the working environment is considerably reduced**.

As a result of their solubility in water, cleaning of the working tools is relatively simple.

