

DECOFLUX WR 14

Printing medium for Rotocolor system



Chemical basis:

Preparation of polyvalent alcohols

Characteristics:

Appearance: colourless liquid
Solubility: water-miscible
Density (20 °C): approx. 1.1 g/cm³
Residue on ignition: max. 0.1 %

Shelf-life / Packaging:

12 months under proper conditions
drums of 30 and 140 kg, containers of 1100 kg

Application:

DECOFLUX WR 14 is a water-miscible, solvent-free printing medium for colours, glazes and oxides. The product has a neutral odour and is not inflammable.

Due to the excellent pigment absorption of DECOFLUX WR 14, low viscosity pastes with a high proportion of pigment can be prepared.

The paste composition depends on the fineness of the pigment and varies in a range of

60 - 40 % DECOFLUX WR 14 and
40 - 60 % pigment powder.

DECOFLUX WR 14 is suitable for both under- and onglaze decoration. It has proved especially successful for multicolour decoration on very hot once-fired tiles. Pastes prepared with DECOFLUX WR 14 are very stable in fluctuations in temperature and do not evaporate.

In order to obtain an optimal application, the prepared pastes should have the following viscosity (Ford cup, 4 mm):

engraving 0.3 mm	18 - 22 s
engraving 0.4 mm	18 - 22 s
engraving 0.5 mm	30 - 40 s

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.