

DECOFLUX WR 163

Medium for Rotocolor system



Chemical basis:

Preparation of polymers in aqueous glycols

Characteristics:

Appearance: white liquid
 Solubility: water-soluble
 Viscosity
 (Ford cup, 3 mm): approx. 45 s
 Density (20 °C): approx. 1.1 g/cm³

Shelf-life / Packaging:

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

Application:

DECOFLUX WR 163 is a water-miscible, solvent-free printing medium for colours, glazes and oxides. The product has a neutral odour and is not inflammable.

Pastes prepared with DECOFLUX WR 163 do not tend to sedimentation even if stored over an extended time.

Owing to the excellent pigment absorption of DECOFLUX WR 163, 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 - 50 % DECOFLUX WR 163 and
 40 - 50 % pigment powder.

DECOFLUX WR 163 is suitable for both under- and on-glaze decoration. It has proved especially successful for multi-colour decoration on very hot once-fired tiles. Pastes prepared with DECOFLUX WR 163 are very stable to fluctuations in temperature and do not evaporate.

In order to obtain an optimum 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.