
TUBISCREEN GD 200

Character Ready-for-use paste to obtain gloss effects

Chemical character Aqueous polymer dispersion

Appearance White paste

Ionic character Anionic

pH-value 8.0 – 10.0

Viscosity 13000 – 16000 mPas

Stabilities In a cool and dry place but not below + 5 °C, in closed, original containers. We recommend not to exceed a storage time of 12 months. The product has to be stirred up thoroughly before use. Opened containers must be closed again tightly. Protect from frost.

Properties

With TUBISCREEN GD 200 glossy prints with a very high gloss level can be achieved on nearly all textile materials which are sufficiently stable to heat.

The print is transparent and elastic.

Application Procedure

For producing glossy prints TUBISCREEN GD 200 should be applied undiluted. A sufficiently high paste viscosity as well as printing conditions which guarantee a characteristic surface print and a high paste application are important for a good effect. If possible, work with coarse screens (rotary printing: 40 mesh, better 40 HX or if coarser, use appropriate galvano screens).

For an improved fastness 20 – 30 g/kg TUBIFIX P 70 can be applied.

The paste may be coloured, if requested, with common pigments.

To decrease the viscosity 10 – 20 % water can be added (diammonium phosphate solution or other salt solutions must not be applied).

To increase the viscosity 5 – 20 g/kg of TUBIGAT R 132 ought to be added.

Processing

TUBISCREEN GD 200 is suited to be processed in manual, flat bed and rotary printing.

- Print
- Dry at 80 - 120 °C
- Fix at 150 °C for 5 min

The more paste is printed, the lower the drying temperature ought to be in the drying chamber to prevent the foam formation during drying.

Particularities

If TUBISCREEN GD 200 is applied together with medium to dark disperse prints or dyeings, migration processes occur both with higher temperatures and during storage at room temperature (cold flow), i.e. areas printed with TUBISCREEN GD 200 are partially dyed.

The application of TUBISCREEN GD 200 in combination with medium to dark disperse prints or dyeings is therefore not recommended. Pretrials may have to be carried out.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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