

TUBICOAT BO NT

Characterization	Compound for the production of black-out roller blinds and vertical blinds
Chemical Structure	Filled synthetic dispersion
Appearance	White, low-viscous paste
Ionic character	Anionic
pH Value	8.0 – 10.0
Stabilities	TUBICOAT BO NT is very sensitive to frost; temperatures around the freezing point cause irreversible changes.
Storage	Protected from frost and stored according to instructions in closed original containers not above 40 °C, the product can be stored for at least 12 months.

Properties

TUBICOAT BO NT is a compound with special handle properties for the production of black-out roller blinds and vertical blinds. Perhaps necessary handle stiffenings can be carried out with an afterpadding with hard polymer dispersions or back coatings. However it has to be taken account of the consequence of a decrease of the fastness to cold cracking.

Black-outs coated with TUBICOAT BO NT excel by a dry handle and a non adhesive surface after a calender passage, a fixing and cooling.

Application Technique

Apart from colour pigments and crosslinking agents TUBICOAT BO NT is a compound which contains all products necessary for the production of black-outs. The pH of the paste should be adjusted to > 9.2 because of the stability to storing.

Normally, TUBICOAT BO NT is applied with a foam weight of 200-250 g/l and the processing temperature of the compound has to be between 18 - 30 °C. The exact application conditions such as quantity of the individual coats, drying and fixation temperatures, crushing and calender pressure depend on the fabric qualities and the available machine park.

1st and 3rd coats

TUBICOAT BO NT	960 - 1000 parts
TUBICOAT WHITE FX	40 - 0 parts

White additions would be necessary only if the obtained whiteness degree of the perhaps too low covering power required them (because of too low coat thickness).

2nd coat

TUBICOAT BO NT	950 - 980 parts
Black pigment	50 -20 parts

The black pigment has to be selected carefully, because TUBICOAT BO NT tends to jell on some black types. We recommend to use Bezaprint Black DT group.

Application amount

Normally, the application amount is approx. 150 - 180 g/m² dry weight, the application amount of the third coat should be a bit more than 1/3 of the total amount.

Drying and fixing

The individual coats are dried at temperatures between 100°C and 110°C. After drying each coat must be crushed. After the 3rd coat the fabric must be calendered and then fixed at temperatures of 150 - 170°C.

It is very important that an effective crushing is achieved after each coat in order to guarantee a good adhesion between textile and the first coat or coats with each other.

Application technique

TUBICOAT BO NT can be applied with all application techniques (knife over roller, Stork CT-IV or the Vario press machine of Messrs. ZIMMER) which facilitate a defined foam layer or layer thickness.

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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