
DENIMCOL BINDER PAC

Character	Additive for the synthetic resin finishing on denim articles
Chemical Structure	Acrylic polymer in aqueous dispersion
Appearance	White liquid
Ionic Character	Anionic
pH-Value	7.2 – 8.8
Specific Weight at 20 °C	Approx. 1.02
Stabilities	<p>If used in the usual concentrations, DENIMCOL BINDER PAC will be well stable to water hardeners, acids and alkalis. DENIMCOL BINDER PAC can be combined with anionic and non-ionic products.</p> <p>The product is very sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur.</p>
Handling	<p>Please pay attention to the information given on the labels prior tousing the product.</p> <p>Opened containers must be closed again tightly.</p>
Storability	<p>The product can be stored between + 5 °C and + 40 °C in closed original contains. Protect from excessive heat.</p> <p>If stored properly in closed original containers, the product will hold for at least 12 months.</p>

Properties

DENIMCOL BINDER PAC is applied as additive in synthetic resin applications on denim articles such as e.g. in the “soft resin finish” of CHT/BEZEMA. The binder supports the creation of three-dimensional creases. Thus, the synthetic resin quantity can be reduced, which minimizes the strength loss.

DENIMCOL BINDER PAC forms a very soft, elastic film. The handle is improved this way.

Application Technique

Diluting Instructions

DENIMCOL BINDER PAC can be diluted with cold water at any ratio.

Recommendation for Use

Synthetic resin application for producing permanent three-dimensional creases

a) All-over spray application

150 – 250 g/l DENIMCOL RES CCP T
100 – 150 g/l DENIMCOL BINDER PAC
20 – 35 g/l DENIMCOL RES FS

Liquor pick-up : 25 – 30 %
Produce creases and fix their position (e.g. with clips)
Dry at 90 °C
Fix at 140 °C: 10 – 15 min; 150 °C: 5 – 10 min
Possibly scrape with emery paper

With spray application procedures make sure that the working place is sufficiently ventilated and that suitable protective gear (see safety data sheets) is used.

b) Dip-tumble process

80 – 120 g/l DENIMCOL RES CCP T
40 – 80 g/l DENIMCOL BINDER PAC
12 – 15 g/l DENIMCOL RES FS

Time: 3 – 5 min in the drum washing machine
Temperature: cold
Dehydrate/ spin-dry to approx. 50 – 60 % residual moisture
Produce creases and fix their position (e.g. with clips)
Dry at 90 °C
Fix at 140 °C: 10 – 15 min; 150 °C: 5 – 10 min
Possibly scrape with emery paper

An afterwashing process with

0.5 – 1.0 g/l DENIMCOL WASH WN

Treatment time: 5 – 10 min
Treatment temperature: 40 °C
Rinse

is recommended in any case for improving the handle and removing reaction products. For a further handle improvement a softener such as e.g. DENIMCOL SOFT KRE may be used.

These standard recipes must be adjusted to the operative conditions, the fabric strength and the desired effects by means of corresponding pretrials.

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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