

ARRISTAN AC 54 FF

Character	Finishing agent for modifying the handle and surface of textiles
Chemical Character	Acrylic dispersion
Appearance	White liquid
Ionic Character	Anionic
pH Value	5.5 – 7.0
Specific Weight at 20 °C	1.10
Stabilities	<p>ARRISTAN AC 54 FF is stable to the usual concentrations of water, acids and alkalis. The product is compatible with the resins and catalysts normally used in easy care finishing.</p> <p>ARRISTAN AC 54 FF is very sensitive to frost; after having been exposed to temperatures around the freezing point irreversible changes result.</p>
Storage / Storability	<p>If stored properly, the product will hold for at least 12 months. Storage temperatures above 40 °C may strongly reduce the storability of the product.</p>

Properties

ARRISTAN AC 54 FF forms medium-hard to hard films after a thermal treatment at 150 – 160 °C.

Application Technique

Diluting Instructions

ARRISTAN AC 54 FF can be diluted with water to any ratio while stirring.

Application Fields

ARRISTAN AC 54 FF is suited as finishing agent for all kinds of fibres and stands out for the following properties:

- The product does not contain any components which release formaldehyde; it is formaldehyde-free*
- Additive for ease care finishing in combination with e.g. REAKNITT ZF
- Improvement of the abrasion resistance
- Applicable for padding and kiss roller processes
- Good running behaviour on the rollers

Recommendation for Use

Depending on the requirements the application amounts may vary.

Filling and stiffening finish

10 - 300 g/l ARRISTAN AC 54 FF

Liquor pick-up: approx. 55 - 75 %
Drying: under the usual industrial conditions
Fixation: 3 min at 150 °C or
60 sec at 160 °C

Improvement of the abrasion resistance

20 - 80 g/l ARRISTAN AC 54 FF
20 - 40 g/l POLYAVIN PEN

Liquor pick-up: approx. 55 - 75 %
Drying: under the usual industrial conditions
Fixation: 3 min at 150 °C or
60 sec at 160 °C

Easy care finishing (formaldehyde-free)

Example : 100 % CO poplin

40 - 100 g/l REAKNITT ZF
6 10 g/l REAKNITT CAT ABT
10 40 g/l POLYAVIN PEN
20 - 60 g/l ARRISTAN AC 54 FF
20 - 60 g/l ARRISTAN 71

Liquor pick-up: approx. 70 - 80 %
Drying: under the usual industrial conditions
Condensation: 3 min at 150 °C or
30 - 50 sec at 170 °C

* To us formaldehyde-free means that all recipe components neither contain nor release formaldehyde during production or processing.

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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