



SOFT SHIELD

A PFC-free* durable water repellent system that provides protection with outstanding softness and no chalk mark, and without the need for a tumble dry treatment whilst keeping you and the planet safe

THE ARCHROMA WAY TO A SUSTAINABLE WORLD

SOFT SHIELD / Performance components of the system

NEW! Smartrepel® Hydro LDS liq PFC-free* DWR for polyester and its blends

- Excellent water repellency
- Formaldehyde-free*
- Long-lasting weatherproof finish
- Outstanding soft handle
- Doesn't promote chalk marks
- No tumble dryer post heat treatment needed
- High repellence after line dry
- High running
- Excellent high temperature stability
- Ultralow cyclic siloxanes (D4, D5, D6)

Umidol® NYX liq [optional] Additive

- Avoid phenolic yellowing
- High efficiency



Fluowet® UD

Wetting agent

- Very low hydrophilic character
- Very low re-wetting properties
- High efficiency

Arkophob DAN New liq [optional]

Crosslinker

- Durability improver
- Based on blocked isocyanate
- Free of 2-butanone oxime
- C2C – Certified

* Below limits of detection according to industry standard test methods. Not intentionally added

SOFT SHIELD / Main benefits in a nutshell

- Safe products from a reliable global partner who applies international safety standards
- Controlled and safe chemistry for workers & end consumers
- PFC-free*
- Formaldehyde-free*
- Biodegradability >90% (OECD Test 302B)**
- Excellent water repellency and anti-wicking properties
- Keeps fabric breathability
- High durability
- Excellent softness
- Stable to high temperature environments
- Embracing sustainable production & lower impact clothing

'SAFE' WITH:

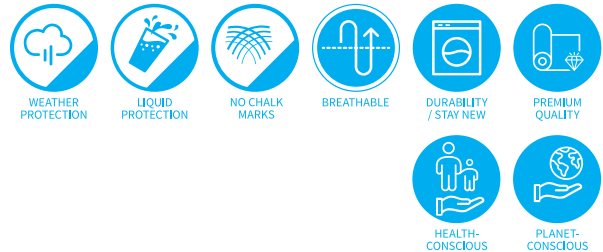
Archroma's SOFT SHIELD system



SAFE

'ENHANCED' WITH:

Archroma's SOFT SHIELD system



ENHANCED

* Below limits of detection according to industry standard test methods. Not intentionally added

** Biodegradability >90% (OECD Test 302B)

THE ARCHROMA WAY TO A SUSTAINABLE WORLD / Safe + Enhanced = The Enhanced Collection



SAFE – IT'S OUR NATURE TO PROTECT

A solid core: Our deeply rooted goal to protect people and our planet. Safe to use, safe to release and and safe to touch and wear.

ENHANCED – IT'S OUR NATURE TO ADD ANOTHER LEVEL OF VALUE

Innovation is critical. With it, we create additional effects, functionalities and aesthetics and sustainable differentiation to bring additional value, helping consumers to achieve their goals, for a life enhanced.

www.archroma.com

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CERTIFIED TO
SE EN ISO 9001:2015
SN EN ISO 14001:2015
SN EN ISO 45001:2018

For additional technical service and/or laboratory assistance, contact your local Archroma representative.

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