DuPont™ Zelan™ R3
Renewably sourced, non-fluorinated, durable water repellent

**Sustainability. It’s the future of the apparel industry.**

DuPont developed Zelan™ R3 renewably sourced finish to meet industry desire for a more sustainable durable water repellent. Textiles treated with Zelan™ R3 finish offer superior durable water repellency, are easy to clean and help to lower the impact of treated fabrics on the environment.

Zelan™ R3 finish is a renewably sourced, non-fluorinated, durable water repellent for fabrics. Currently, it is the only renewably sourced durable water repellent finish on the market. It’s up to three times more durable than existing non-fluorinated repellent finishes. It delivers consistent performance on a variety of materials. And it even comes with superior technical support.

**Benefits of Zelan™ R3 finish**

- Provides excellent water repellency to cotton, synthetics, and blends
- Offers superior protection from rain and water-based stains
- Delivers high water repellency to at least 30 washes
- Maintains fabric breathability, making them comfortable to wear
- Enables good runnability, allowing for uninterrupted production process
- Compatible with commonly used finishing auxiliaries, including resins and cross-linking agents
- Contains 63% renewably sourced content per ASTM method 6866
- Made with non-fluorinated, renewably sourced plant-based material that can be replenished naturally over time

**WATER SPRAY REPELLENCY PERFORMANCE AATCC 22/ISO 4920—NATURAL FIBERS**

<table>
<thead>
<tr>
<th>Material</th>
<th>Initial</th>
<th>30 Washes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% Cotton Twill</td>
<td>100</td>
<td>80</td>
</tr>
<tr>
<td>100% Cotton Shirting</td>
<td>100</td>
<td>80</td>
</tr>
</tbody>
</table>

**Application:** Pad, Dry, Cure

**WATER SPRAY REPELLENCY PERFORMANCE AATCC 22/ISO 4920—SYNTHETIC FIBERS**

<table>
<thead>
<tr>
<th>Material</th>
<th>Initial</th>
<th>30 Washes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100% Polyester</td>
<td>100</td>
<td>80</td>
</tr>
<tr>
<td>65% Polyester/35% Cotton</td>
<td>100</td>
<td>80</td>
</tr>
</tbody>
</table>

**Application:** Pad, Dry, Cure
The high performance results of DuPont™ Zelan™ R3 finish

WATER-BASED STAIN REPELLENCY ON BOTTOM WEIGHT COTTON

UNTREATED

Coca-Cola®  Fruit Punch  Tea  Grape Juice
Vinegar  Red Wine  Milk  Orange Juice
Hot Coffee  Soil/Water Mix  Honey

TREATED WITH ZELAN™ R3 AFTER 30 WASHES

Coca-Cola®  Fruit Punch  Tea  Grape Juice
Vinegar  Red Wine  Milk  Orange Juice
Hot Coffee  Soil/Water Mix  Honey

Performance is similar for synthetics treated with Zelan™ R3

How to buy Zelan™ R3 finish

Zelan™ R3 finish is sold by Huntsman Textile Effects. Huntsman also provides technical support to mills and finishers. Visit huntsman.com/textile_effects for more information.

Personal safety, first aid, storage and handling

See the Safety Data Sheet (SDS) for specific product information. Normal care should be taken to avoid skin and eye contact. Before using this product, please read the current SDS and the precautionary statement on the product package. Follow all applicable directions.

teeflon.com/zelan

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