

# ROBERT ALLEN SHIELD



**SUMMARY:** Fabrics with Robert Allen Shield offer permanent spill and stain resistance with a breathable Dura-Block moisture barrier without sacrificing a natural hand. Available for application to over 90% of Robert Allen and Robert Allen Contract fabric patterns. Ask your representative for details.

**THE SHIELD DIFFERENCE:** Our unique molecular formula imparts permanent performance characteristics designed to attach to each fiber, not coat it, thus maintaining the original feel of the fabric and never losing breathability.

## PROPERTIES

- **Impermeability:** Invisible liquid barrier resists over 13 psi (pounds per square inch) of pressure for more durable cushion protection, compared to .5 psi competitive average.
- **Breathability:** Extremely breathable, offering 3500-4400 gm/per square meter.
- **Durability:** Shield treatment is effective for the life of the fabric, and will not wash or wear away.
- **Natural, Soft Hand:** Less chemistry means fabric retains more of its natural softness.
- **Safety:** Products are evaluated by authorized, independent organizations and meet environmental, health & safety standards established by EPA, OSHA & CPSC. Found to be safe in required categories of skin sensitivity, toxicity, environmental safety & personal health.
- **Cleanability:** Easily cleaned with water, detergents, solvents, or 10% diluted bleach solution.<sup>1</sup>
- **Applications:** Hospitality, Healthcare, Corporate, Education, Travel
- **Recyclable:** Can be ground or melted during fabric recycling process.

| Performance Levels  | Stain Prevention & Liquid Barrier                            | Stain Prevention & Moisture Resistant                     |
|---|--|---|
| Dominant Technology   | <b>ROBERT ALLEN SHIELD</b>                                   | <b>Competitive Brand</b>                                  |
| Product Description   | Permanent Spill and Stain Proof with Durable Liquid Barrier  | Soil & Stain Treatment with Moisture Proof Backing        |
| Applications  | Upholstery   | Upholstery, Bedding                                       |
| Environmental   | Recyclable   | Cannot be Recycled  |
| Recommended Cleaners  | Water, Detergents, Solvents, 10% diluted bleach <sup>1</sup> | Special Detergents  |
| Barrier Effectiveness:<br>Cushion/Furniture protection<br>Note: Sitting exerts 3-5psi, cleaning exerts 5-9psi | > 13 psi = durable cushion protection (liquid barrier)       | 0.5 PSI = minimal cushion protection (moisture resistant) |
| Comfort/Breathability   | Breathable<br>3538 to 4464gm/m2                              | Minimal <sup>2</sup><br>500gm/m2                          |
| F.R. Tests<br>If fabrics passed these tests previously, they will continue to do so with Robert Allen Shield  | Cal 117, NFPA 260, UFAC, CAL 133 <sup>3</sup>                | Cal 117, NFPA 260, UFAC                                   |
| Abrasion  | Improves Wyzenbeek significantly                             | N/A   |
| Hand of Fabric  | Slight Change  | Moderate Change   |

<sup>1</sup>Fabric appropriate    <sup>2</sup>Similar to vinyl MVTR    <sup>3</sup>Test varies with seating products

## NEW: Robert Allen Shield is available with additional properties for a supplementary fee

- **Robert Allen Shield with Anti-Microbial** - Prohibits the growth of microorganisms.
- **Robert Allen Shield with Anti-Abrasion** - Increases abrasion resistance and fabric durability.

hospitality • corporate • healthcare

ROBERT ALLEN CONTRACT



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