

ROBERT ALLEN SHIELD



Powered by NANotex®

SUMMARY: Fabrics with Robert Allen Shield offer permanent spill and stain resistance with a breathable 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.¹
- **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	ROBERT ALLEN SHIELD	Competitive Brand
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 ¹	Special Detergents
Barrier Effectiveness: Cushion/Furniture protection 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 3538 to 4464gm/m ²	Minimal ² 500gm/m ²
F.R. Tests If fabrics passed these tests previously, they will continue to do so with Robert Allen Shield	Cal 117, NFPA 260, UFAC, CAL 133 ³	Cal 117, NFPA 260, UFAC
Abrasion	Improves Wyzenbeck significantly	N/A
Hand of Fabric	Slight Change	Moderate Change

¹Fabric appropriate ²Similar to vinyl MVTR ³Test varies with seating products

hospitality · corporate · healthcare

ROBERT ALLEN CONTRACT



A BEAUTIFUL EXPERIENCE®

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