

Protect the structure.
Protect the claim.

NEW PRODUCT

Steel Skin
Shield

Storm Damage Temporary
Overlay System

Steel Skin Shield is a professional-grade temporary roofing overlay for rapid storm response. Available in two variants — opaque White for standard coverage, and optically clear Transparent for insurance and claims applications. Both deliver certified waterproof, flame-retardant, and UV-stable protection with identical performance specifications.



OPTION 1

Shield White

Standard opaque coverage for all temporary roofing applications. Maximum weather protection for residential and commercial structures during the repair window.

\$0.35 per sq ft · freight included



OPTION 2 — RECOMMENDED

Shield Transparent

Optically clear PVC maintains full weather protection while keeping every inch of storm damage visible from above — no overlay removal required for inspection.

\$0.45 per sq ft · freight included

TRANSPARENT VARIANT

Insurance & Claims
Advantage

01

No Removal Required

Adjusters assess all damage from above without lifting the overlay — faster, complete inspections.

02

Full Owner Protection

Every damaged area stays visible throughout the repair process — nothing missed or underpaid.

03

Drone Documentation

Aerial imagery captures complete damage scope while the structure stays fully covered.

04

Dispute Elimination

A visible damage record from day one eliminates coverage disputes between owners and insurers.

810 g/m²

TOTAL WEIGHT · EN-ISO 2286-2

1,250 N

TENSILE WARP · EN-ISO 1421

185 N

TEAR WARP · DIN 33363

-40°C

COLD RESISTANCE · INTERNAL

100%

WATERPROOF · EN-ISO 811

KEY FEATURES

01Waterproof Construction

Impermeable dual-face PVC. EN-ISO 811 — zero water ingress.

02Flame Retardant Rated

EN-ISO 11925-2. Reduces liability near electrical hazards.

03High Wind Resistance

1,250 N tensile strength holds in severe wind events.

04Lightweight & Easy to Handle

20 Mil profile. One crew, no heavy equipment required.

05RF Weldable Edges

Adhesion ≥100 N/5cm. Panel bonding without fastener penetration.

06Extreme Temperature Range

-40°C to +70°C. No cracking in any weather.

07UV Stable — Fastness 7-8

EN-ISO 105-B02. Holds over extended coverage periods.

APPLICATIONS

Residential
Storm

Hail · wind · debris

Commercial Loss

Large-span
coverage

Winter
Emergency

Ice dam · snow load

Post-Fire Cover

Flame rated use

TECHNICAL SPECIFICATIONS — BOTH VARIANTS

PROPERTY	STANDARD	VALUE
Base Fabric Type	EN-ISO 2076	High Tenacity Polyester
Yarn Size	EN-ISO 7211	1100 × 1100 dtex
Yarn Construction	EN-ISO 2060-2	3.5 × 3.5 g/m ²
Base Fabric Weight	EN-ISO 2286-2	300 g/m ²
PVC Coating Weight	EN-ISO 2286-2	510 g/m ²
Total Weight	EN-ISO 2286-2	810 g/m ²
Fabric Thickness	EN-ISO 2286-2	20 Mil
Tensile Strength — Warp	EN-ISO 1421	1,250 N
Tensile Strength — Weft	EN-ISO 1421	1,200 N
Tear Strength — Warp	DIN 33363	185 N
Tear Strength — Weft	DIN 33363	175 N
Cold Resistance	Internal Test	-40°C
Heat Resistance	Internal Test	+70°C
Flame Retardancy	EN-ISO 11925-2	Rated
Light Fastness	EN-ISO 105-B02	7 – 8
Water Resistance	EN-ISO 811	Impermeable
Welding Adhesion / HF	EN-ISO 11339/5357	≥100 N/5cm

CERTIFIED

EN-ISO 1421

DIN 33363

EN-ISO 811

EN-ISO 11925-2

EN-ISO 105-B02

EN 13501

EN-ISO 11339/5357