

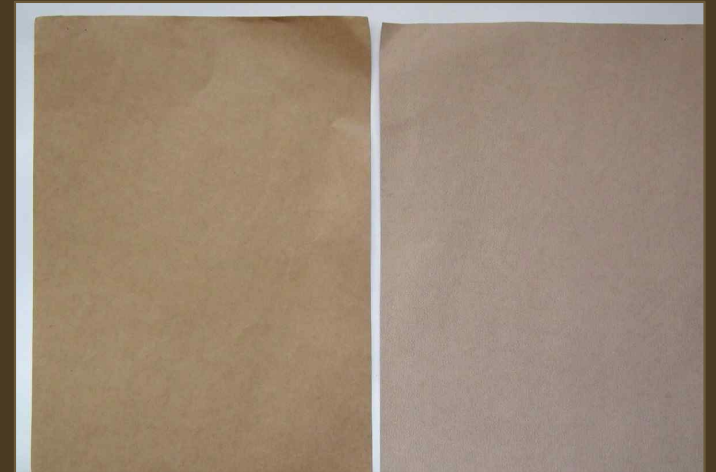
DK SOLUTIONS

Eco-Friendly Paper Floor Protection Sheet

100% Recyclable Kraft-Paper Surface Protection for Construction, Remodeling & Moving

Business Proposal | Export & Distribution Partnership

dkahn@dk solutions.co.kr
<http://o2mos.com/floor-protector>



Manufactured in Korea | Direct Factory Export

EXECUTIVE SUMMARY

A Paper-Based Alternative Built to Perform

DK Solutions offers a 100% recyclable, paper-based floor protection system engineered to replace plastic film, foam boards, and low-grade builder's paper on construction, renovation, and moving job sites. A dual-function water-based coating - water-repellent on top, anti-slip embossed on the bottom - delivers the durability contractors expect while eliminating the plastic waste stream competing products leave behind.



100%

Recyclable as ordinary paper waste



2-in-1

Water-repellent top + anti-slip base coating



10 t

MOQ - one 20 ft container



2

Formats: Roll and Folding Board (up to 2 m)

This proposal benchmarks the product against leading floor-protection alternatives and highlights the regulatory tailwinds - notably the EU Packaging and Packaging Waste Regulation (PPWR) - that favor fully paper-recyclable solutions.

High-Durability Kraft Pulp, Dual-Coated for Performance



Kraft roll format, embossed anti-slip underside



100% Eco-Friendly & Fully Recyclable

Made entirely from premium pulp and water-based coatings; the whole sheet is discarded as ordinary paper waste.



Dual-Action Functional Coating

Water-repellent top layer blocks spills; embossed non-slip base improves worker safety and sheet stability.



Heavy-Duty & Reusable

Engineered kraft pulp (KP) resists tearing under heavy foot traffic and equipment; reusable with proper care.



Versatile Form Factors

Large-coverage Rolls for fast installation, or Folding Boards (up to 2 m) for elevators and narrow corridors.

Technical Data at a Glance

Specification	Detail
Base Material	100% virgin kraft pulp
Origin of Pulp / Manufacture	Japan-origin pulp; manufactured in Korea
Standard Width	1,000 - 1,100 mm
Recommended Roll Length	10 - 100 m per roll
Basis Weight / Thickness - Opt.1	Approx. 120 g/m ² / approx. 0.25 mm
Basis Weight / Thickness - Opt.2	Approx. 150 g/m ² / approx. 0.35-0.40 mm
Top / Bottom Surface	Water-resistant coating / embossed anti-slip coating
Optional Coating	Double-sided water-resistant; additional anti-slip available
Cutting Method	Utility knife or scissors; no perforation line
Installation	Roll-out installation, tape-fixing recommended
Printing	Water-based alkaline ink; logo height ≥ 10 mm recommended

Benchmarked Against the Leading Alternatives

The temporary floor-protection market is served by four broad product categories. Comparison based on publicly available product literature and industry/contractor commentary; specifications vary by supplier.

Criteria	DK Solutions Eco Kraft Paper	Plastic Film / Corrugated PP Board	Engineered Recycled- Paper Board (Ram Board-type)	Standard Builder's / Red Rosin Paper
End-of-life disposal	Discard as regular paper waste; no separation needed	Landfill / plastic waste stream; not paper-recyclable	Recycled base, but coatings often limit paper recycling	Recyclable, but often contaminated after single use
Spill / water resistance	Water-based dual coating on both faces, standard	Fully waterproof (petroleum film)	Spill-guard coating on select lines only	None - absorbs moisture, tears when wet
Slip resistance underfoot	Embossed anti-slip coating built into base layer	Often slick; needs separate tape/adhesive	Smooth base; relies on taped edges	Smooth base; slides without taping
Format flexibility	Rolls (10-100 m) + Folding Boards up to 2 m	Rolls only; rigid boards need flat-truck freight	Rolls and rigid sheets; bulky, higher freight	Rolls only; no rigid/folding option
Custom branding	Smudge-proof logo printing under top coating	Surface printing; can scuff off	Available on large orders; longer lead time	Rarely offered

Five Points of Differentiation



Genuinely End-of-Life Recyclable

Coating included, the entire sheet is a paper product - no separation or special disposal required.



Functional Coating, No Trade-Offs

Water-repellent top and anti-slip base are standard on every roll, not a premium upgrade.



Built for Real Job-Site Logistics

Folding Boards (up to 2 m) move easily through narrow elevators, stairwells, and corridors.



Direct Factory Access & Branding

Competitive MOQ with in-house, smudge-proof custom logo printing beneath the coating.



Positioned for EU PPWR

A 100% paper-based product aligns with tightening EU recyclability and EPR fee-modulation rules through 2026-2030.

Matched to Job-Site Conditions



Standard Construction / Moving

For light spills or drinks, the standard single-sided water-repellent coating is recommended.



Heavy-Duty / Paint & Wet Works

For heavy paint use or excessive moisture, the double-sided water-repellent option is strongly recommended.



Move-In / Move-Out Sites

Folding Boards simplify transport through elevators and hallways in residential and commercial buildings.



Commercial Fit-Outs

Rolls provide fast, large-area coverage for retail, office, and hospitality renovation projects.

Ready for Container-Volume Orders

Term	Detail
Minimum Order Quantity	10 tons (equivalent to one 20 ft container)
Custom Printing	One-time plate/cylinder fee approx. USD 450-550; ~10 working days lead time
Standard (Unprinted) Orders	Ready for immediate production and dispatch
Country of Manufacture	Korea, for global export

DK Solutions is happy to tailor basis weight, width, and coating configuration to the specific climate, application, and regulatory requirements of your market.



Next Steps

DK Solutions welcomes the opportunity to supply samples, discuss private-label branding, and provide indicative pricing for container-volume orders.

DK Solutions

Uiwang-si, Gyeonggi-do, Korea

Email: dkahn@dksolutions.co.kr

Web: www.dksolutions.co.kr

