

Edge Protection



Description

Cardboard edge protection — also known as edge protectors, corner protectors or angle boards — is a strong, cost-effective alternative to foam profiles, used to reinforce and protect the edges and corners of palletised and boxed goods during storage, handling and transportation. The range covers standard L-profile edge protectors and compact 'U' profile card protectors, manufactured from 100% recycled paper, across a range of profile sizes, thicknesses and lengths.

The full range is manufactured for KB Packaging under a controlled raw-material specification and production process, and carries 100% recycled paper-fibre content (dry-fibre basis) per that manufacturer's product data — see the range table and Regulatory & Environmental Compliance section below.

Key Features

- Strong, rigid protection for pallet, carton and case edges — a durable alternative to foam profiles where more strength is needed
- L-profile protectors available in 35mm, 50mm and 75mm profile sizes, in lengths from 820mm up to 3000mm
- Compact 40mm 'U' profile protectors in 290mm and 430mm lengths, suited to shorter case and carton edges
- Thicknesses from 2mm up to 4mm depending on load-bearing requirement
- Distributes pressure evenly across the load, helping prevent crushing, denting, strap cut-through and corner collapse
- 100% recycled paper-fibre content across the range, per the raw material supplier's product data

Specification

Type	Cardboard Edge Protector (L-Profile) / Card 'U' Profile Protector
Material	Recycled paperboard
Profile Sizes	35mm x 35mm, 40mm x 40mm (U-profile), 50mm x 50mm, 75mm x 75mm
Lengths	290mm – 3000mm, depending on profile
Thickness Range	2mm – 4mm, depending on profile/length
Colour	Brown
Recycled Content	100% recycled paper fibre (dry-fibre basis), per the raw material supplier's product data
Recyclable	100% Recyclable. It is the responsibility of the user to dispose of correctly.

Available Range

Current SKUs and pack configurations as listed on kbpackaging.com/product-category/protective/edge-protection/cardboard-edge-protection/:

KB SKU	Length	Profile Size	Thickness	Pack Qty	Recycled Content
EP290-U	290mm	40mm x 40mm (U)	3mm	100 per Pack	100%
EP430-U	430mm	40mm x 40mm (U)	3mm	100 per Pack	100%
EP820/4	820mm	35mm x 35mm	4mm	Pack of 50	100%
EP910-2	910mm	35mm x 35mm	2mm	Pack of 50	100%
EP910	910mm	35mm x 35mm	3mm	Pack of 50	100%
EP1000/50	1000mm	50mm x 50mm	3mm	Pack of 50	100%
EP1200	1200mm	35mm x 35mm	3mm	Pack of 50	100%
EP1200/4	1200mm	35mm x 35mm	4mm	Pack of 40	100%
EP1200/75	1200mm	75mm x 75mm	3mm	Pack of 50	100%
EP1500	1500mm	35mm x 35mm	3mm	Pack of 50	100%
EP1600/75	1600mm	75mm x 75mm	3mm	Pack of 50	100%
EP2000	2000mm	35mm x 35mm	3mm	Pack of 50	100%
EP2000/2	2000mm	35mm x 35mm	2mm	Pack of 50	100%
EP2500	2500mm	35mm x 35mm	3mm	Pack of 50	100%
EP3000	3000mm	35mm x 35mm	3mm	Pack of 50	100%

Regulatory & Environmental Compliance

The edge protector range is manufactured for KB Packaging under a controlled raw-material specification and production process. The declarations and test evidence below apply to that manufacturing specification and confirm the following current baseline under the EU Packaging and Packaging Waste Regulation (EU) 2025/40 (PPWR):

PPWR (EU) 2025/40, Article 5(4) – Heavy Metals	Final-product total-content analysis confirms Pb + Cd + Hg + Cr(VI) below the 100mg/kg limit. Compliant. (Raw material supplier's EU Declaration of Conformity, 27 Jul 2026; direct product test report, 24 Jul 2026)
PPWR Article 5(5) – PFAS / Fluorine	Targeted PFAS and total fluorine not detected on the direct product sample; used as supporting evidence, as the product itself is not food-contact packaging.
PPWR Article 6 & Annex II – Design for Recycling	Compliant. Design assessment under EN 13430 principles; predominant material enters the paper/cardboard collection and recycling stream. Final A/B/C grading is subject to future secondary-legislation criteria.
MOSH/MOAH	Not detected. Additional chemical-safety evidence retained on file.

Recycled Content	Paper/fibre component made from 100% recovered/recycled fibre on a dry-fibre basis, per the raw material supplier's product data. Excludes adhesive and process aids; not a claim for 100% of total finished-product mass.
Recyclability	Designed with paper/cardboard as the predominant material, using only the adhesive needed for function, to enter the paper/cardboard recycling stream after collection and sorting. Local infrastructure and recycler acceptance criteria apply. No PPWR recyclability performance grade (A, B or C) is claimed at this time.
Food Contact	Not designed or intended for direct or indirect food contact. For use only outside a suitable primary package that fully encloses the food.

The supplier states that independent, third-party verified laboratory testing supporting these claims is retained on file, and that equivalent material compliance is maintained across its manufacturing network via unified recipe controls and standardised raw-material procurement.

Source Documents

- Cardboard Edge Protection product listing, kbpackaging.com/product-category/protective/edge-protection/cardboard-edge-protection/ (KB SKUs, sizes and pack quantities)
- Raw material supplier's EU Declaration of Conformity – Edge Protector Product Group, Rev. 00, dated 27 July 2026, under Regulation (EU) 2025/40
- Direct product test report, issued 24 July 2026, status PASS

Note: KB Packaging is not the end user of the packaging materials it supplies. Confirming the suitability of a specific SKU for a specific application, and compliance with any additional market-specific requirements, remains the responsibility of the end user.