

# Helm Green-Line **BIO-PU LEATHER**

**Innovative Nordic leather**  
Helping Earth



# Helm Bio-PU Green-Line

Identifying a new generation of alternatives to totally oil-based materials.

**Innovative and exclusive leather** with focus on sustainability and reduced industrial footprint.

## *Mission*

Our mission is to contribute to the sustainable footwear, fashion and furniture industry through the production of low environmental impact materials.

# Innovative material

Helm  
**Bio-PU**

Helm Bio-PU leather is an innovative material characterized by a unique combination of

**Recycled split leather with Bio-Pu coating**

Bio-PU (bio-based polyurethane) coating is characterized by high content of **renewable, bio-derived materials and products, such as vegetable oils, grape skins from wine-making, cashew nut shell liquid, terpene, eucalyptus tar, natural fibers** from agriculture and other bio-renewable resources.





# Renewable

Bio-PU is made of a biocompound of plant-based raw materials that are spread on sustainable backing materials like recycled leather, recycled nylon etc.



# Technical characteristics

Helm  
**Bio-PU**

- 🌱 Bio-PU top coating is made using natural **renewable bio-based** raw materials
- 🌱 Bio-PU is **weatherproof** and can be used in all weather conditions
- 🌱 **No special care needed** from producers and end user
- 🌱 **Innovative and reliable technology** to enrich your range with a new fashionable low environmental impact material
- 🌱 The same technical features of the products you have used so far
- 🌱 **Wide range of versions:** stiffer or more elastic, of various thickness, customizable textures with fashionable and casual aspects, infinite colors to meet your needs.

Helm  
**Bio-PU**

# Applications

**1**

Casual, fashionable and children shoes

**2**

Bags and accessories

**3**

Upholstery and interior projects, ships



**These materials do not require any adjustment,  
and they are ready for end use.**



# Helm Grupp

Helm Grupp is the leading supplier and exporter of PU split leather in the Nordic area since 1991.

Helm Grupp runs the only factory in Northern Europe with the license to produce Permair Porvair PU coated natural leather. This leather is used to produce safety footwear in line with EN ISO 20345 requirements.

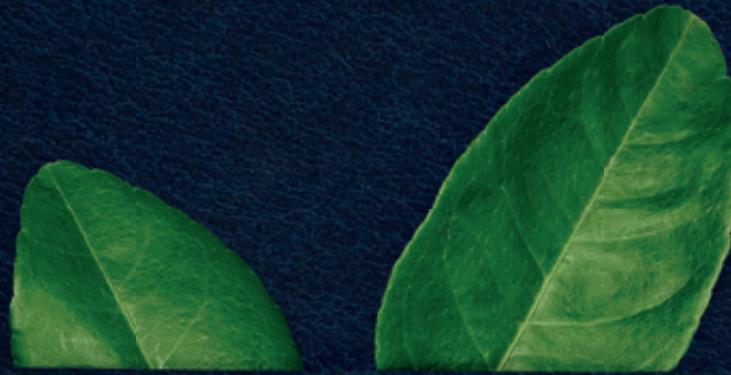
The entire production of Helm Grupp takes place in its factories in Finland, while research and development is handled in Estonia.

Our clients are the biggest footwear factories in Nordic countries like Sievin Jalkine Oy, Ejendals AB, Sika Footwear A/S, Kavat AB etc.

For a number of years, Helm Grupp has been focusing on the development and production of cutting-edge high-tech materials.

Our customers rely on us for special projects combining technology and style.





HelmGrupp

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