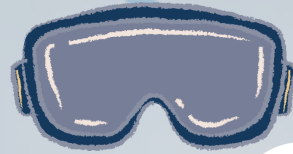


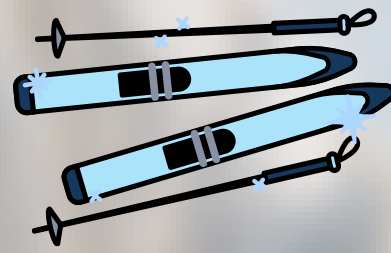
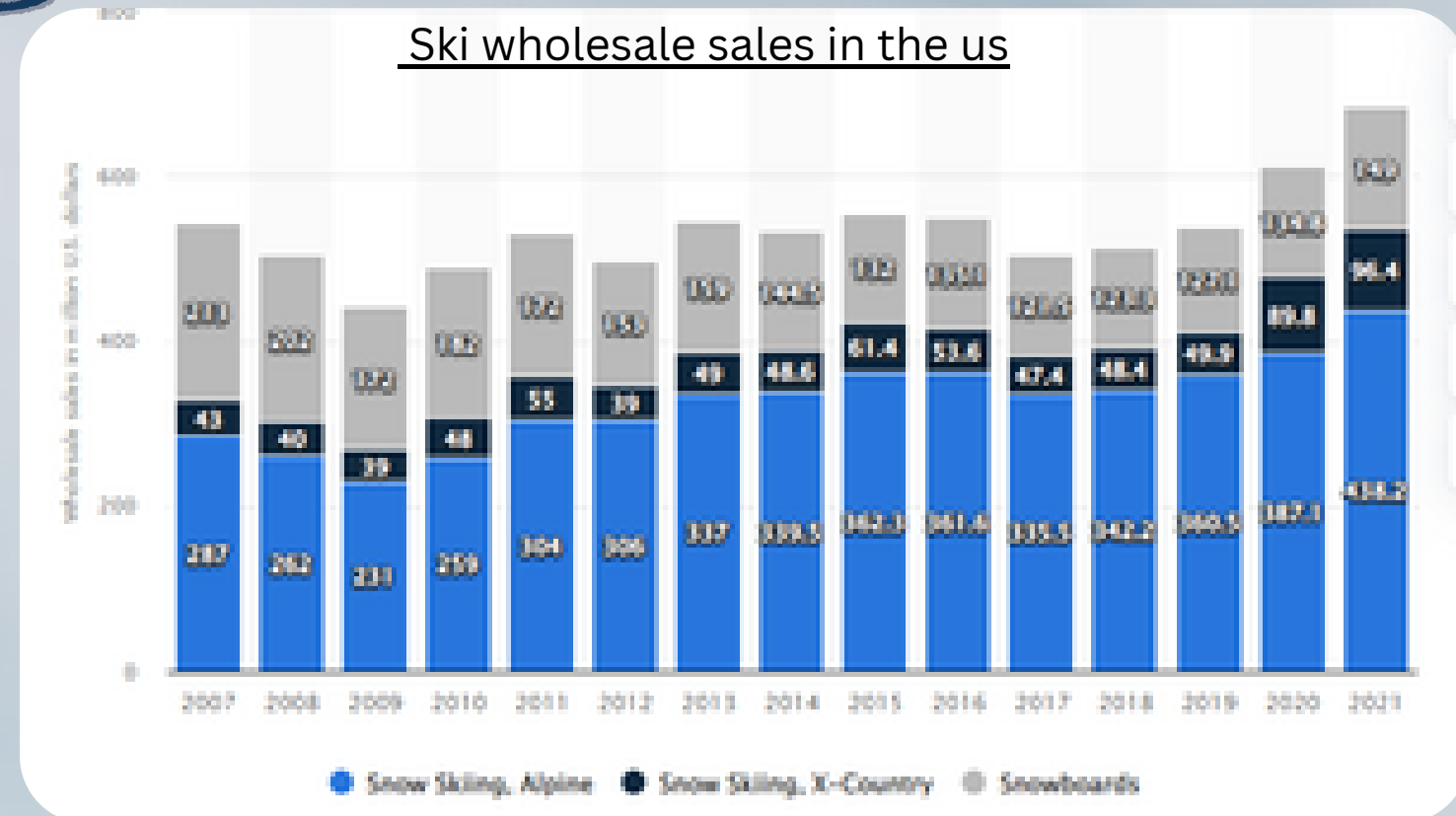
ALPINE SKIS



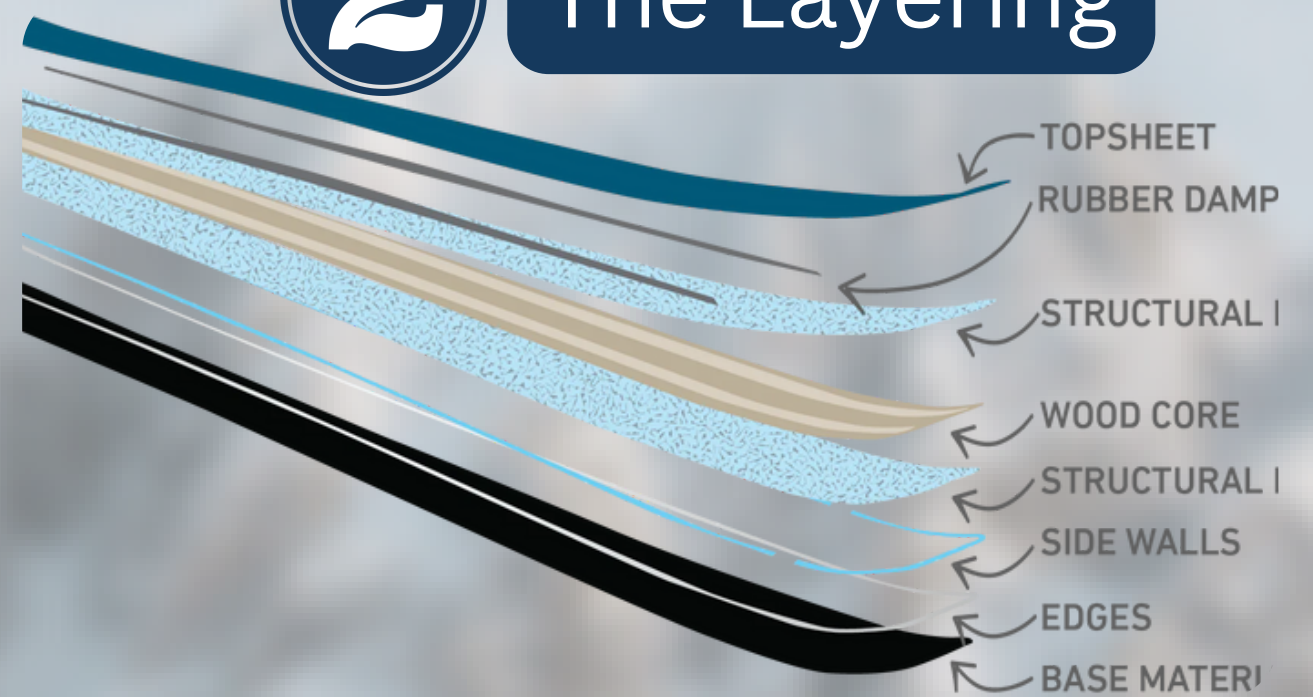
How are they made ?



Skiing has evolved from a simple mean of transportation to a popular leisure activity. In order to respond to this gain in popularity and produce efficient skis, methodical processes have been developed.



2 The Layering



1 The Ski Core

- Central part of the ski can be made of **wood**, **metal** or **foam** and gives the ski its rigidity and durability.
- Ski's base material is also described by the **molecular weight** of the core.
- The **core's length** depends on your skiing level.

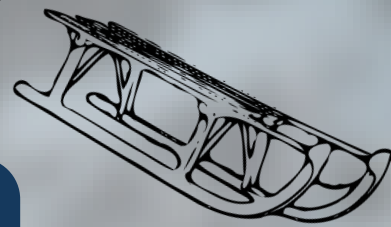


4 Topsheet and waxing



- The **top layer** of the ski that covers the core can be **decorated** or **personalized**.
- **Wax** is applied to the ski base to improve its **glide** and **performance**.

3 The metal edges



- Lateral part of the ski that allows the skier to control the **direction** and **stability** of the ski on the snow.
- They are **between** the **core** and the **lower composite layers**.



By
Tom BERGER
Salem HAFTARI



What Are Skis Made Of? (Ski Construction Explained) (snowlink.com/ski-construction/)

Ski production - How skis are made - Steps of ski construction (snowtrex.co.uk)

Ski Buyer's Guide: Ski Materials - Wagner Custom Skis (wagnerskis.com)
The Highest Quality, Most Durable Ski Construction - J skis

