

Timber iQ

Design & Construction

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A HOUSE FOR ALL SEASONS

Summer House, Southern Burgenland

TALKING CORK

Lourie Wild talks cork

SILVER LININGS

Cloud House, North Fitzroy

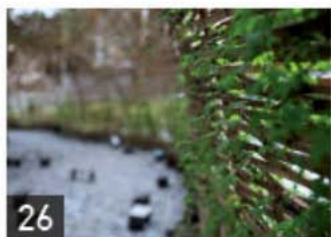
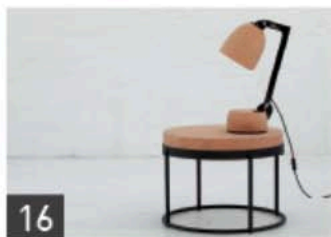
URBAN ACUPUNCTURE

Taipei's Cicada Pavilion

CELEBRATING TIMBER

Krystna Woodworkers Festival

**2012**
woodworkers
Festival



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Zai CORE Axe

by Kacper Hamilton

The Zai CORE Axe was designed by ECAL/Kacper Hamilton for Swiss ski company Zai.





The CORE Axe consists of a helve and two interchangeable heads. The straight shaft helve is made from a sandwich of carbon fibre and ash wood. The layering construction is inspired by Zai's process and philosophy of making skis using raw and contrasting materials in Disentis, Switzerland. Carbon fibre is used to provide strength whilst the ash wood forms a protective shell around the core and pays homage to the heritage of a traditional axe.

The form of the helve has been refined to be slim and lightweight, reducing the thickness substantially to 13mm along the spine. The weight of the axe is thereby focused at the head, generating greater striking momentum and efficiency when cutting or splitting wood.

The two heads are made from forged high carbon steel with a blackened finish. They can be changed using the integrated quick release system, allowing for secure head attachment, easier sharpening and safer transportation. Each head has a different function; one is for felling trees and the other for splitting logs of wood.

Zai CORE Axe is a quintessential companion for the mountains, around the chalet or on a trek.

Axe 28" helve - Ash wood + Carbon Fibre
Felling head - Forged high Carbon Steel 1200g
Splitting head - Forged high Carbon Steel 1500g

ECAL/Kacper Hamilton
www.kacperhamilton.com
www.zai.ch
www.ecal.ch