

MOOSMOOS

GREENOVATION

Product Documentation on CO₂ Binding

Greenovation Waldmoos is a sustainably cultivated natural product that not only convinces with its aesthetic appeal as facade and wall cladding, but also makes an active contribution to climate protection.

Growth and Harvest Cycle

Growth duration	approx. 3 years until harvest
Net CO ₂ binding	approx. 1.25 kg CO ₂ per m ² (under optimal conditions)
Harvest method	70% removal, 30% remains for reforestation



Climate Impact

- Long-term CO₂ binding: Through the conservation of forest moss using the Plus pressure preparation process, in durable facade and wall claddings, the stored carbon dioxide is permanently fixed.
- Contribution to climate protection: Each installation with Greenovation Waldmoos helps to reduce global warming.
- Sustainability in the forest: Through partial harvesting, the ecological function of the moss is preserved and it can continue to absorb CO₂.

Areas of Application

- Facade cladding made of moss
 - Design objects with ecological added value
- Advantages at a Glance
- ✓ Natural aesthetics & sound absorption
 - ✓ Permanent CO₂ binding (1.25 kg CO₂/m² in 3 years)
 - ✓ Sustainable harvesting practice (regeneration ensured)