



Desirable, democratic Architecture that empowers people

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white

White's Research Lab *WRL

For us, research is a way in which we challenge standard practices to create better architecture and a better society for all...





Architecture as Medicine

— the Importance of Architecture for Treatment Outcomes in Psychiatry

Editors
Lena From
Stefan Lundin

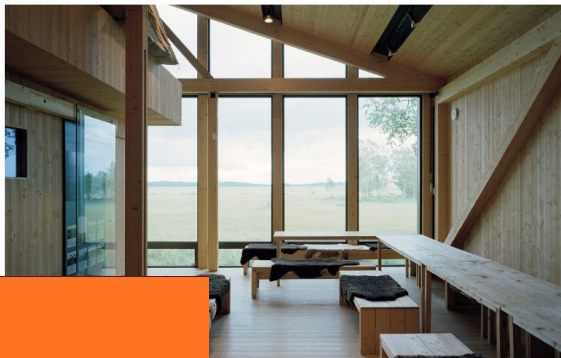
WOOD FOR HEALTH

Wood for
Health
white



Kan interiör i trä på sjukhusen minska vårddtiden?

24 februari 2021



Bilder & kontakt

Bilderna får användas i samband med denna artikel. Ange fotograf



Ladda ner Fotograf: Åke E:son Lindman.



Ladda ner Fotograf: Johan Ardefors.

positiva effekter på människors hälsa och tidigare interiör i trä kan ha samma effekt. Till våren 2021 i ortopediska kliniken i Skellefteå för att undersöka sa. Om materialval kan korta läkeprocessen kan det studien räcker dock inte utan vi uppmanar till mer området.

Bioproducts and Biosystems

Antibacterial properties of Scots pine and Norway spruce

Tiina Vainio-Kaila



A? Aalto University

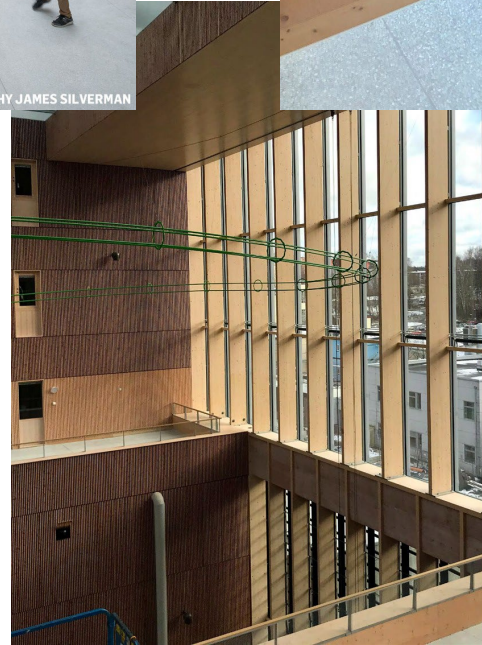
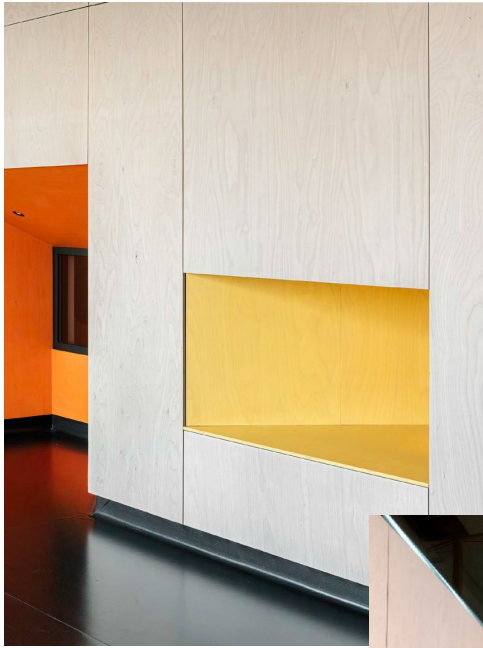
DOCTORAL DISSERTATIONS



BROMMA LEDPLASTIKCENTRUM, SWEDEN



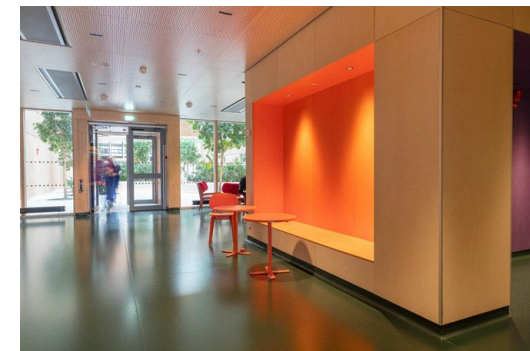
BROMMA LEDPLASTIKCENTER, SWEDEN



DROTNING SILVIA CHILDREN'S HOSPITAL , SWEDEN

CLASSES

- Class 0
- Class 1
- Class 2
- Class 3
- Class B
- Class C
- Class D
- P** Passage Circulation
- F** Förrum AnteRoom
- M** Manuell Sluss Manual lock
- S** Säker Sluss Secure lock
- Täthetsgräns Airtight
- Luftflöde air flow



Hygiene class 1



Hygiene class 2



Hygiene class 3



View to east entrance physic garden from the Lolfa at ground level



View to nVCC from south-east public foot and cycle path approach



View to main entrance interior reception area

5.5 APPEARANCE

5.5.6 MATERIAL PALETTE - SAMPLE BOARD



DRAWINGS FOR ILLUSTRATIVE PURPOSES ONLY





Hempcrete is
"better-than-zero-carbon"

Image credit: Flat House, Practice Architecture

Fact check: <https://www.ukhempcrete.com/why-building-with-hempcrete-is-good-for-the-environment>





→ Photos taken on a visit to William Stanwix' projects

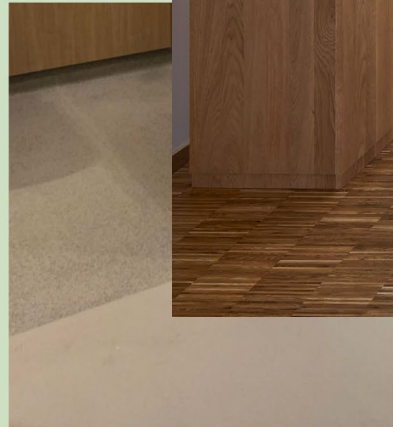
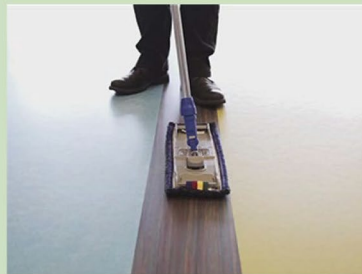


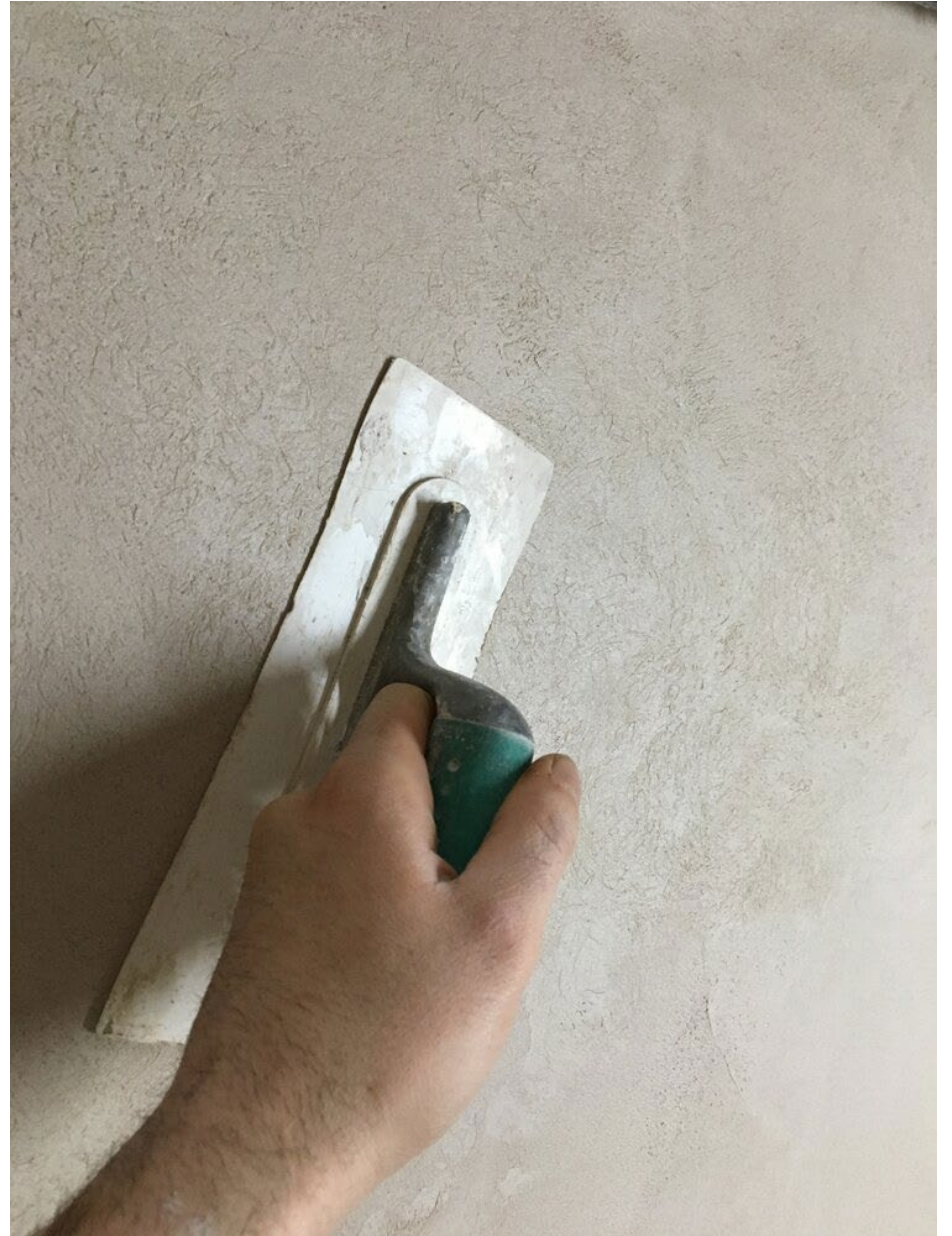
→ Photos taken on a visit to William Stanwix' projects

LOW TOXICITY AND INDOOR AIR QUALITY

GUIDING FACTORS

- Durable
- Easy-to-clean
- Resistant to disinfectants
- Non-toxic
- Uncoated
- Seamless





PHOTOS COURTESY OF WILLIAM STANWIX



Environmental Product Declaration

In accordance with ISO 14025, EN 15804
iq Natural homogeneous TARKETT

Programme: The International
Programme operator: EPD International
EPD registration number: 54-P-1528
Publication date: 2021-01-25
Validity date: 2025-01-25
Geographical scope: Europe



ENVIRONMENTAL PRODUCT DECLARATION
LINOLEUM FLOORING
TARKETT
ENVIRONMENTAL PRODUCT DECLARATION



About Tarkett

With a history of 140 years, Tarkett is a worldwide leader in innovative flooring and sports surface solutions, with net sales of € 2.8 billion in 2021. Offering a wide range of products including vinyl, linoleum, rubber, carpet, wood, laminate, artificial turf and athletics tracks, the Group serves customers in over 100 countries across the globe. Tarkett has 12,000 employees and 34 industrial sites, and with 1.3 million square meters of flooring every day, for hospitals, schools, housing, hotels, offices, stores and sports fields. Committed to change the game with circular economy and to reducing its carbon footprint, the Group has implemented an eco-innovation strategy based on Cradle to Cradle® principles, fully aligned with its Tarkett HumanCentric Design® approach. Tarkett is listed on Euronext Paris (compartment B, SIC: 180004249), ticker: TKT1. www.tarkett.com



ENVIRONMENTAL PRODUCT DECLARATION

Product: Resilient floor coverings made on basis of polypropylene and rubber according to EN 16177 (Resilient floor coverings – specification for homogeneous and heterogeneous smooth floor coverings)
Floor systems GmbH

Manufacturer: Floor Systems GmbH
Manufacturer address: Hohensteinstr. 10, 01065 Dresden, Germany
EPD registration number: EPD NCR 201/01160-1/MS1-EN
EPD registration date: 07.01.2020
Validity date: 06.01.2025



ENVIRONMENTAL PRODUCT DECLARATION
FOR POLYPROPYLENE AND RUBBER
FLOORING
2.0 AND 2.5 MM



FLOORING SYSTEMS
Manufacture in the most production-ready form of 100% virgin polypropylene for more than 100 years. Manufacture in production-ready form in accordance with a result of the combination of related resources: materials and high-temperature resistant.
Floorbo was the first flooring manufacturer to be certified in the Cradle to Cradle Assessment by the Cradle to Cradle Institute. Cradle to Cradle is a product certification system that evaluates the environmental performance of products. The EPD is also an important tool for Product Category Rules and in making additional information to the EPD available to the customer and end user. To verify the complete story, see the Cradle to Cradle website. For more information, see the website www.cradletogether.com.



Our assessments

Byggarvetbedömningen is a non-profit organization owned by large constructors and property owners in Sweden.



Our mission

Enable wise choices of material for a good living environment. Enable good documentation of built in materials for future management. Stimulate producers of materials to improve their products from an environmental perspective. Stimulate the producers of materials to take social responsibility in their supply chain. Be a good and effective tool for documentation and tracking of materials, products and their content.





View to the public Lolfa from level 01

Learnings

Use local knowledge networks

Procurement - early engagement with natural materials supply chain to allow for testing, sourcing and lead times

Establish a collaborative environment - communication channels across the design and construction team and supply chain

Warranties – project bespoke, or need insurances?

Building construction phasing

Early contractor engagement, consider seasonality and sequencing

Use the specification to lock in WLC and material health

Safeguard material for replacement and ensure requirements for end of life recycling at handover

Dialogue with stakeholders, e.g. IPC and patient user groups to push beyond business as usual