Industrialisation and prefabrication of building systems for retrofitting

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BRUSSELS RETROFIT XL
RETROFITTING THURSDAYS

ISO 14001

Environmental aspects
lightweight demountable partition walls

Case study: Lusambostraat/Rue de Lusambo 76
1190 Bruxelles/Brussel

Office space

Internal office space: Use of demountable partition walls
- between offices partition wall T100: privacy + acoustics
- between offices and hall partition wall HAAS: aesthetics + light
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Internal partition walls: HAAS

- HAAS partition wall: cradle to cradle certification

Continuous improvement philosophy

Internal partition walls: HAAS

http://www.c2ccertified.org/products/registry
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**Internal partition walls: HAAS**

- Material health assessment
- Material reutilization
- Renewable Energy and Carbon Management
- Water stewardship
- Social Fairness

**Most important aspects**

- Bill of materials
- Intense communication with production companies
- Internal info on energy and water consumption
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Internal partition walls: future developments

Continuous improvement philosophy

T100 Partition

V100 Partition

ART Partition

BEATLE Partition

Continuous improvement performances acoustics/fire/C2C
Internal partition walls: future initiatives

- non governmental organisation
- durable use of forest
- chain of Custody use of wood

ISO 14001
environmental management to help organizations
- minimize operations negatively affect the environment
- comply with applicable laws, regulations, and other environmentally oriented requirements
- continuously improve the above.

holistic economic, industrial and social framework that seeks to create systems that are not only efficient but also essentially waste free