Dynamic walls
towards reusable partition systems

| circular building design |
Industrialisation and prefabrication of building systems for retrofitting

Reference ‘Products that last’
Industrialisation and prefabrication of building systems for retrofitting
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3 december 2015

Brussels Retrofit XL: Retrofitting Thursdays

dynamic wall concept
Industrialisation and prefabrication of building systems for retrofitting
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Adaptable and reusable
Environmental & Economic
Easy to assemble (DIY)
Standardised & Compatible

DynamicWall
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wall prototype design

DynamicWall
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DynamicWall

variant 1
variant 2
variant 3

wall concept
wall design

wall prototype evaluation
wall prototype evaluation

- multiple (dis)assembly
- impact resistance test
- acoustical performance
Industrialisation and prefabrication of building systems for retrofitting

\[ R_{w}(C,C) = 47 \text{ (-3, -10)} \text{ dB} \]
Industrialisation and prefabrication of building systems for retrofitting

demonstrator
Market opportunities
Industrialisation and prefabrication of building systems for retrofitting

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