The Future of Structuralism
Transformation of the
Leiden Faculty of Languages and Cultures
Jeroen Moerman
technique
Ventilation
Ventilation
Light

Unit
Total square area: 18.9 m²
Open area: 12.8
Closed Area: 6.1
Absolute openness: 68.5%

Opening width: 1500
Total open height wood: 2400
Total open height brick: 6400
Thickness wood section: 120
Thickness brick section: 650

Horizontal thickness
Wood extra shaders: 2
Brick extra shaders: 2
Wood addition: 0.4 m³
Brick addition: 1.9 m³
Total: 2.3 m³
At 45°: 1.6 m³

Vertical thickness
Wood addition: 0.3 m³
Brick addition: 4.2 m³
Total: 4.5 m³
At 45°: 3.2 m³
Relative addition at 45°: 4.8 m³
Relative openness at 45°: 42.3%
Roof construction

Existing construction

New additions
Attachments
Prefabication new facades

Wood facade
Brick facades
Span of street floors

Floor construction

Construction column embrace
Detail overview
Existing facade

1:20
Street facade
Column embrace

1:20
New entrance facade

1:20
Horizontal section
Existing facade 1:20
Horizontal section

New facade 1:20