Material Studies

- Powder Coated Aluminium
- Zinc Cladding
- Coated Copper
- Perforated Corten

Detail 1:5

- Glulam Beam
- Thermal Insulation
- Clips
- Perforated Panels
- L Anchorage

Concrete embedding

References

1. Fassaden concealed cladding clip
2. M14 structural hexagon head nut and bolt system
3. Internal softwood spruce cladding with interlocking joint fixed with cladding clip
4. Recycled and reclaimed mild C section steel cladding channel mixed by m8 nut and bolt system with lightening slots to reduce weight
5. 24mm structural marine grade plywood panel
6. 55mm Recycled mineral wool from upcycled industrial slag 0.15 w/m2K Solitex breather membrane 0.20 MNs/g (for high level air tightness)
7. Perforated weathered steel panel
8. Z angle steel cladding clip fixed to marine grade plywood
9. Anodised aluminium drainage channel to falls recessed into plywood
Construction Detail: Between the old and the new

1. Steel Plate
2. Glulaminated Box Beam
3. Polished Travertine
4. Copper Signage
5. Drainage
6. Board on batten
7. Damp Proof Membrane
8. Perforated Copper Panels
9. Light Fixtures
10. Insulation
11. Timber I beams
12. Solid Glulaminated Timber Beam
13. Light Strip
14. Beam Hanger

scale 1:20