



< **Vertical section**
Scale 1:20

- 1. cladding:**
 - floating porcelain tile floor (25-30 mm) with polypropylene supports
 - polyolefin alloy waterproofing on non-woven fabric separation layer (1.8 mm)
 - **Mapelastic** two-part flexible cementitious waterproofing mortar
 - thermal insulation: expanded polyurethane panels (70+80 mm)
 - vapour barrier
 - reinforced concrete slab
 - radiant drop ceiling affixed to metal substructure
- 2. interior flooring**
 - porcelain tiles on **Keraflex Maxy S1** adhesive with **Ultracolor Plus** grout
 - **Topcem Pronto** ready mix mortar
 - acoustic insulation
 - screed
 - reinforced concrete slab
 - radiant drop ceiling affixed to metal substructure
- 3. exterior flooring:**
 - floating porcelain tile floor (25-30 mm) with polypropylene supports
 - polyolefin alloy waterproofing on non-woven fabric separation layer (1.8 mm)
 - **Mapelastic** two-part flexible cementitious waterproofing mortar
 - **Topcem Pronto** ready mix mortar for slopes
 - polyethylene separation layer
 - thermal insulation: expanded polyurethane panels (70+80 mm)
 - reinforced concrete slab
 - **Mapetherm System** external insulation
 - **Silancolor Tonachino** silicon resin rendering
 - parapet: double-glazing with PVB (10+10 mm) interlayer and aluminium handrail
- 4. balcony coping:**
 - porcelain tiles on **Kerabond + Isolastic** adhesive with silicone caulk at grout lines
 - ready mix spray concrete
- 5. opaque vertical cladding:**
 - porcelain tiles on **Mapei Kerabond + Isolastic** adhesive with silicone caulk at grout lines
 - **Monofinish** cementitious mortar skim coat
 - Aquapanel screwed every 20 cm
 - metal C-channel uprights
 - thermal insulation: expanded polyurethane panels (70+80 mm)
 - **Plastimul 1K Super Plus** one-part bituminous emulsion waterproofing
 - brick block walls
 - air space
 - solid brick block
 - **Dursilite** washable latex wall paint for interiors

ZOOM: CITYLIFE RESIDENCES

CityLife offers Milan a new living concept and approach to building, radically transforming the way domestic and urban space is used and perceived. Large and functional spaces, high-end finishes and materials, Class A energy certification: these are some common elements of the CityLife Residences.

Both residential complexes - with one designed by Zaha Hadid and the other by Daniel Libeskind - feature architectural elements of high quality and personality. Surrounded by green space and with large terraces offering spectacular views, each home is unique, with different sizes, exposures and layouts, ranging from two-room flats to large apartments, to double-height penthouses. It's no surprise that such an important jobsite would team up with the likes of Mapei, a company

whose experience and structure mean it can rise to the construction challenges posed by the designers of the Hadid and the Libeskind Residences, as well as the Isozaki Tower. Being able to handle the designs in all their complexity means Mapei has played a lead role, starting with its line of additives for the concrete pours. Mapei's innovation and respect for the environment have found a perfect complement in the installation of the parquet and ceramic flooring and cladding, both on the interior and exterior. In addition, the Mapetherm Tile System has made it possible to apply very thin ceramic panels to the envelope, thereby maintaining the architect Libeskind's design intent. Mapei finishes and waterproofing systems have also been used to fulfil all the design requirements.

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