

REDUCED URBAN HEAT ISLAND EFFECT

Vegetation on the roof absorbs solar radiation, thus minimizing the urban heat island effect.



SOUTHERN FACADE

DOUBLE-SKIN FACADE

The double-skin facade with solar transmittance optimises solar gain.

By expelling air through the double-skin facade, the building also removes absorbed solar heat and prevents the lightweight material from heating and re-radiating heat into the space.



EXHAUST AIR

BENEFICIAL MICRO-CLIMATE

In summer, the exhaust air from the building will often be cooler than the external air. Releasing exhaust air into the occupied zone around the building creates a beneficial micro-climate around the perimeter.

4F

3F

2F

1F

