

**Structure of the textile second-skin façade**

- 1 existing concrete floor
- 2 existing appended concrete balcony
- 3 aluminium frame with clear insulating glass and part that can be opened
- 4 sandwich panel to prevent thermal bridge with existing balcony
- 5 steel auxiliary construction equipped with anchoring slots for window cleaning carriages
- 6 layered and hardened glass
- 7 aluminium tubing with twilled profile for attaching and spanning fibreglass fabric
- 8 PTFE (teflon)- coated fibreglass fabric
- 9 heating pipe to prevent cold front
- 10 data and electrical connection, supply via column
- 11 steel climate ceiling, placed between the concrete beams to ensure the maximum free height; induction units, lighting, sprinklers and loudspeakers have been integrated in the ceiling.

