



ACTIVE POROUS SKIN

Faced with a merely aesthetic or just decorative approach to the tower's exterior surface, that comes from the necessity of creation a porous skin where the points that give its character and image are, in fact, specialized pores in which are incorporated necessary technological elements for the proper functioning of the building. Between them all, gain a special relevance those solar energetic collection points through fotovoltaic cells and solar textile panels that, from an energetic point of view, allow an optimized use of the great tower's facade surface.

These activating pores will hold impulse and return, climatize systems and allow ventilation as if they were natural pores that remain opened or closed for the wind changing. At the same time, the facade system, through those activating and fulfilling points, may in a future support new tecnologies allowing the tower rehabilitation in order to optimize its use during its lifetime.

