

### Project

**Client**  
Sancor Cooperativas Unidas

**Location**  
Porteña,  
Córdoba province,  
Argentina

**Period**  
2001 – 2002

**Participation**  
Skanska LA: 100%



Skanska LA has performed the construction of a cheese by-products elaborating plant.

The plant is located at the km 37 of the provincial route N° 1, 8 km to the north of the city Porteña. The lot that occupies is 25 hectares large and the constructed area is 12.700 m<sup>2</sup>.

The most representative works of this project are the following:

**Soil movement:** Included the vegetal cut soil of the work area, site camp and concrete plant (7.500 m<sup>3</sup>), bases and foundation parquet excavation, foundation beams, pilling, cistern, earth filling, bases and industrial floor filling and gardening-

**Foundations:** an isolated direct foundation was used for the prefabricated structure. The foundation of the Spry / Mix tower is a foundation parquet of 1.350 m<sup>2</sup> of 1 m thick that was concreted in 4 stages.

There were also constructed piles and beams foundation for the masonry of the different areas.

**Structure:** 2 different construction methods were implemented: precasted concrete and "in situ" concrete. The prefabricated structure comprises columns, beams, mezzanines, curtain walls with polyurethane as an insulating material and roofs for most of the areas. The structure was prefabricated by Astori assembled as the different parts arrived to the site. Then the joints between the elements were



sealed from the inside as well as the outside. The "in situ" concrete was used in the super structure of the Spray / Mix building, the structure of the surveillance, cistern, basins and water tank.

**Pavement and industrial floors:** the external circulation corridors are made of concrete of 18 cm thick with double electric welded mesh (Ø 4.2 mm; 7.600 m<sup>2</sup>).

The interior industrial floors at the processes and storage areas are made of concrete with steel fiber and the superficial finish with self grader epoxy. At the rest of the areas the concrete floor has a electric welded mesh (Ø 4.2; 5.300 m<sup>2</sup>).

>> CONTINUES

### Contact

**Skanska Latin America**

Av. Roque Sáenz Peña 555  
Buenos Aires – Argentina  
C1035AAA  
Tel + 54 11 4341 7000  
Fax + 54 11 4341 7232

info@skanska.com.ar  
www.skanska.com.ar

# Industrial Plants

## Sancor Plant

### Project

**Client**  
Sancor Cooperativas Unidas

**Location**  
Porteña,  
Córdoba Province,  
Argentina

**Period**  
2001 – 2002

**Participation**  
Skanska LA: 100%



**Masonry:** these works included the construction and / or installation of: Block walls of CCA (8.500 m<sup>2</sup>), insulations, covers, hanging plastered ceilings, subfloors, ceramic floors, projected plasters (17.000 m<sup>2</sup>), ceramic lining, latex paint (12.300 m<sup>2</sup>), epoxy paint (22.200 m<sup>2</sup>), exterior paint (11.000 m<sup>2</sup>), acrylic paint over geotextile membrane (10.000 m<sup>2</sup>), PVC and metallic carpentry, covers waterproofing with geotextile membrane (10.000 m<sup>2</sup>).



### Contact

**Skanska Latin America**

Av. Roque Sáenz Peña 555  
Buenos Aires – Argentina  
C1035AAA  
Tel + 54 11 4341 7000  
Fax + 54 11 4341 7232

info@skanska.com.ar  
www.skanska.com.ar

### Scope of works:

Basic engineering  
Detailed engineering  
Structure and installation project  
Work planning and control  
Procurement and contracting  
Construction. □