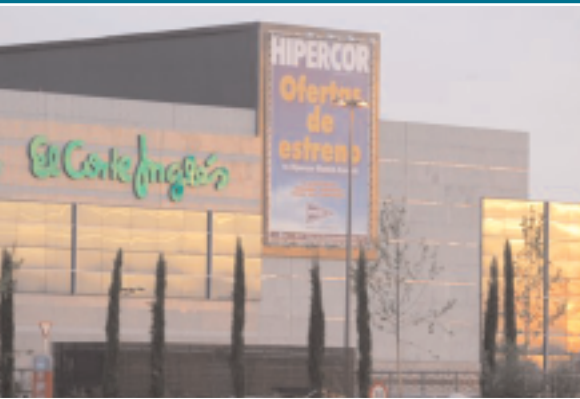


Xanadu Shopping Centre - Madrid



Coopers smoke containment system covers 8 circular voids in a major new retail complex

The flagship store of the El Corte Ingles Group, covering an area of over 3,700 square metres, is the largest unit within the Xanadu Shopping Centre at Arroyomolinos, in the southwest region of Madrid. At its time of opening, Xanadu was Europe's largest shopping centre covering an area of over 130,000 square metres containing 220 shopping, dining and entertainment venues, plus a vast 250 metre indoor ski slope.

Stoc S.A., Coopers distributor in Spain, was selected by the design team to install an integrated smoke containment system within the El Corte Ingles store to protect 8 separate circular voids where escalators intersect the floor levels. From the very outset, many challenges had to be overcome during both the design and installation of the system. All the smoke barriers in each circular void were

required to mirror the void edge and operate as a single, cylindrical unit to protect the floors from smoke penetration in the event of a fire. Only the Coopers SmokeStop system has this unique capability.

Stoc was also asked to provide fire protection to a non fire-rated, 18 metre wide x 11 metre high glazed wall in the entrance to the store. This was achieved by the installation of a FireMaster fire barrier that provided the 2 hour resistance demanded by the specifications, and still retained clear line-of-sight vision in and out of the store.

As a wider part of the total smoke control scheme for this project, Stoc has installed over 1,000 natural smoke ventilators, plus a further 1.5 km of Coopers SmokeStop barriers in many other of the other leading outlets within the complex. **For more information visit www.stocacustica.com**