

## Project Profile: Castorama Stores, Europe

**Project:** Upgrade to DIY home improvement store chain and décor retail chain located throughout Europe, including France, Italy, Poland and Russia

**Solution:** In anticipation of an update to current building codes, from RT2005 to RT2010, the company embarked on an ambitious 5 year plan to upgrade both interiors and exteriors of 90% of Castorama stores by 2009.



The first new store to be completed is environmentally friendly due to the use of photo-voltaic panels on the roof, "Canadian wells" using geothermal technology, thick insulation (200mm on the roof), and Lumira® aerogel for smoke extractors. Cabot Aerogel's French partner Alcaud SA installed the project, using their Euromaxidome; 16mm polycarbonate smoke extractors insulated with Lumira® aerogel. Each smoke extractor measures 3x2m, for a total translucent surface of 300m<sup>2</sup>50 on the 14,000m<sup>2</sup> total surface of the store. Kingfisher is known for its dedication to sustainable business practices and social responsibility, making the decisions easy when creating the plan for the upgrade, and the inclusion of Euromaxidome with Lumira® aerogel no surprise.

**Owner:** Kingfisher plc

**Lumira® aerogel partner:**

