



# OWENS CORNING CHINA COMPOSITES CENTER, SHANGHAI, CHINA

INNOVATIONS FOR LIVING™

## OWENS CORNING CHINA COMPOSITES CENTER: A HUB IN CHINA FOR INNOVATION IN GLASS TECHNOLOGY

**HERITAGE OF INNOVATION** Owens Corning is a global leader in the glass composites industry and is responsible for delivering innovative composite material solutions. With 75 years of material science heritage, Owens Corning continues to invest in both its innovation capabilities and its talent in China with the official launch of the China Composites Center.

**MISSION** China is the largest market in the world for glass fiber composites with strong growth in applications requiring solutions with performance materials. The Owens Corning China Composites Center will become the hub for innovation in glass technology applications to meet growing demand in China for high performance solutions. Strategically located in Shanghai, China, the Center is dedicated to providing our local customers and partners easy access to expertise in material science and finding new and innovative ways to grow their businesses through both existing and new composite applications.

**CAPABILITIES** The China Composites Center provides a dedicated team to understand local market needs and trends. We will contribute to customer success with our extensive experience in such fields as:

- Material characterization
- World-class prototyping
- Composite design and modeling
- Application and process support

Connected with the Owens Corning global innovation network, our Composite Center team will also share knowledge, ideas and best practices with science and technology teams around the world in order to develop the best solutions for local market customers.

The China Composites Center team will also collaborate with universities and institutions throughout China specializing in material science, chemistry, characterization and processing, and contribute to accelerating the growth of the China composites industry.

## FACTS & FIGURES

- Opening September 2012
- Located in Shanghai, China
- 6,000 sqm dedicated for material science
- Staff of talented scientists, engineers, and technicians
- Connected to Owens Corning innovation sites:
  - Granville, USA
  - Chambéry, France
  - Zele, Belgium
  - Apeldoorn, Netherlands
  - Ibaraki, Japan
- Local material supply support from manufacturing facilities in China
  - Advantex® E-CR glass and high performance glass available from plants in Yuhang (Zhejiang), Doudian (Beijing) and Hangzhou
  - High performance fabrics manufactured in Changzhou (Jiangsu) and Doudian (Beijing).

## OWENS CORNING CHINA COMPOSITES CENTER

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## NEW CHINA COMPOSITES CENTER OPENS IN SHANGHAI, SEPT. 2012 全新的欧文斯科宁中国复合材料中心于2012年9月在上海正式开幕



## CHINA COMPOSITES CENTER KEY FUNCTIONS

### MATERIALS CHARACTERIZATION

- Chemical and analytical lab
- Mechanical testing
- Glass fiber product testing
- Various environment aging

### THERMOSET COMPOSITE PROTOTYPING

- Resin infusion
- Filament winding of high pressure pipes / pressure vessels and piping testing
- Spray-up
- Pultrusion line

### COMPOSITE DESIGN AND MODELING

### THERMOPLASTIC PROTOTYPING\*

- Thermoplastic short fiber compounding / injection molding
- Long fiber thermoplastics line / injection molding

### COMPOSITES TRAINING FOR INDUSTRIES

\* It will be operational in 2013



## ABOUT OWENS CORNING COMPOSITE SOLUTIONS BUSINESS

The Owens Corning Composite Solutions Business is a pioneer and a global leader in the composites industry offering glass reinforcements and engineered solutions for renewable energy, residential and commercial buildings, vehicle components and emerging markets. The business is dedicated to creating customer value by delivering world-class products, expertise and support by helping to transform the world with advanced solutions. The company's strengths include a global network of manufacturing facilities with regional development centers that focus on the specific needs of local markets. Additional information is available at [www.composites.owenscorning.com](http://www.composites.owenscorning.com).



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