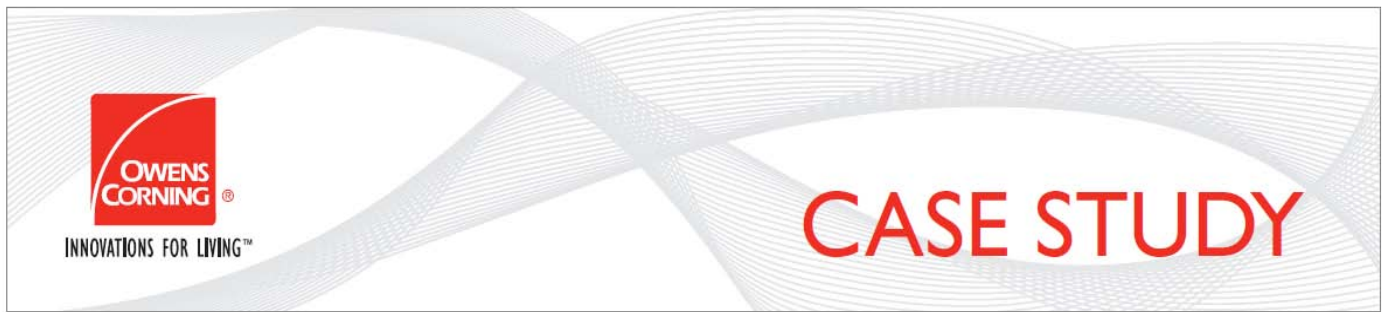


Take Risk Out...Put **Advantex®** Glass In



Hangzhou Zhonghao Technology Co., Ltd. Promotes Advantex® Glass Fiber Reinforcements

Hangzhou Zhonghao Technology Co., Ltd. designs and produces nonmetallic tower devices and column internals (Fig. 1). The company also produces composite pipes, fittings, and storage tanks. Within the past year, Zhonghao Technology began using FRP (fiberglass-reinforced polymer) containing Owens Corning's Advantex® glass in its towers.

Process technology

- Filament winding
- Spraying technology

Matrix and reinforced material

- Vinyl Ester Resin
- Advantex® glass fiber

Main market

- Chlor-alkali chemical
- Other industrial chemical and mining operations
- Polysilicon and organosilicon



Figure 1

Courtesy of Hangzhou Zhonghao Co., Ltd., China

Advantex® glass, Owens Corning's patented corrosion resistant E-CR glass not only provides increased mechanical properties compared to standard E-glass and E-CR glasses, but also provides the corrosion resistance ISO 2078 recommends for acid environments. Zhonghao Technology believes using Advantex® glass separates the company from its competitors. According to Chief Engineer, Tong Xinhang, "We have used traditional E-glass fiber from a domestic factory in the past, but through Owens Corning's introduction and promotion of its product we realized there is a vast difference in the performance between traditional E-glass and Advantex® glass. Advantex® glass fiber provides better contribution and guarantee to product performance and lifespan."

Zhonghao Technology's General Manager, Huang Yiping, acknowledges that the company's initial costs will increase with using Advantex® glass fiber reinforcements compared to the traditional E-glass fiber used by most of their competitors. However, he stresses that the investment is worthwhile considering that Advantex® glass fiber makes their FRP products stronger and longer-lasting. Zhonghao Technology's Assistant Sales Manager, Song Yongquan, further added, "Most customers in China focus on product prices and wish to lower

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costs through procurement. What sets us apart is that we are the first to recommend the superb performance of Advantex® reinforcement materials to our customers and persuade them to accept the increase in initial cost. This is to ensure that we can provide guaranteed products of the best performance in high demanding applications.”



Courtesy of Hangzhou Zhonghao Co., Ltd., China

The products produced by Zhonghao Technology are used in industries including chemical and fine chemical; pharmaceutical; metallurgical processing; polycrystalline silicon and organosilicon; and polyvinyl chloride.

The largest market for the FRP towers is the chlor-alkali chemical industry. Dedicated to quality and committed to research and development, Zhonghao Technology (Fig. 2) strives to provide these industries with innovative products and competitive pricing.

Take Risk Out...Put **Advantex®** Glass In.

Owens Corning Customer Contact:

- Hangzhou Zhonghao Technology Co., Ltd: sales@ifs-frp.com; www.ifs-frp.com; Headquarters: No.22, Hongda Road, Yuhang District, Hangzhou, Zhejiang, China; Tel: +86 571 8618 9188

Owens Corning Advantex® Corrosion-Resistant Glass Fiber Reinforcements:

Email: Advantex.americas@owenscorning.com; Advantex.europe@owenscorning.com; Advantex.asiap@owenscorning.com

For more information call: (614) 777-1384

**OWENS CORNING
COMPOSITE MATERIALS, LLC**
ONE OWENS CORNING PARKWAY
TOLEDO, OHIO 43659
1.800.GET.PINK™
www.owenscorning.com
www.ocvreinforcements.com

**EUROPEAN OWENS CORNING
FIBERGLAS, SPRL.**
166, CHAUSSEE DE LA HULPE
B-1170 BRUSSELS
BELGIUM
+32.2.674.82.11

**OWENS CORNING COMPOSITE SOLUTIONS
BUSINESS ASIA PACIFIC REGIONAL HEADQUARTERS**
UNIT 01, 02, 05, 39/F, PUDONG KERRY PARKSIDE
1155 FANG DIAN ROAD, PUDDONG
SHANGHAI 201204
CHINA
+86.21.6101.9666

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