



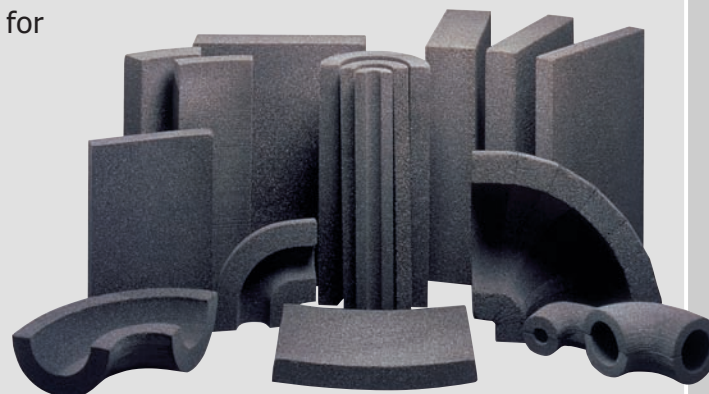
FOAMGLAS®

FOAMGLAS® Insulation Solves Many Challenges for LNG Facilities in China

More than 10 mega scale LNG terminal projects and 8 regional LNG liquefaction/peak shaving projects using/specifying FOAMGLAS® cellular glass insulation in China are currently underway, are approved, or in planning for construction over the next three years.

FOAMGLAS® insulation systems are performance proven for use in LNG applications over decades of use throughout the world. In addition to saving energy costs, using FOAMGLAS® insulation provides the precise process control and high compressive strength required in these facilities. Also, because it is 100% glass, it will not burn. It is impermeable to moisture in liquid and vapor forms, thereby ensuring constant thermal efficiency for LNG applications with a proven worldwide safety record.

These are recently completed and / or proceeding LNG projects in China using FOAMGLAS® HLB products for all tank bases and FOAMGLAS® ONE™ insulation for pipes and equipment:



PROJECT PROFILE

Owner Project Name: (picture on left)
CNOOC Guangdong Dapeng
LNG terminal and three 160,000 m³
LNG tanks

Primary Contractor(s):
STTS (Consortium: Saipem,
Technigaz, Tecnimont, Sofregaz)

Supply Scope:
TANK BASE: FOAMGLAS® HLB
for all three tank bases
PIPE INSULATION: FOAMGLAS®
insulation in a combination system

Construction Period:
2003 - 2007

Owner Project Name: (no photo shown)
CNOOC Fujian
LNG terminal and four 160,000 m³
LNG tanks

Primary Contractor:
CB&I

Supply Scope:
TANK BASE: FOAMGLAS® HLB
blocks for all four tank bases

Construction Period:
2004 - 2008 for tanks #1 and #2
2008 - 2010 for tanks #3 and #4



Owner Project Name: (picture on left)
CNOOC Shanghai
LNG Terminal and three 165,000 m³
LNG tanks

Primary Contractor (s):
IHI/CTCI/WEC

Supply Scope:
TANK BASE: FOAMGLAS® HLB
blocks for all three tanks bases

Construction Period:
2007 - 2009

Owner Project Name: (no photo shown)
Petro China Dalian
LNG Terminal and two 160,000 m³
LNG tanks

Primary Contractor:
China Huanqiu Construction &
Engineering Company (HQCEC)

Supply Scope:
TANK BASE: FOAMGLAS® HLB
blocks for both tank bases
PIPE INSULATION: FOAMGLAS®
insulation in a combination system

Construction Period:
2009 - 2011

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www.foamglas.com

Pittsburgh Corning USA
(Corporate Headquarters)
800 Presque Isle Drive
Pittsburgh, PA 15239
Telephone: 724-327-6100
Fax: 724-387-3807

Pittsburgh Corning Corporation Asia
(Asia Headquarters)
Pittsburgh Corning Corporation
PARK LUXE HONGO 1001
19-4, Hongo 2-Chome, Bunkyo-Ku
Tokyo 113-0033 JAPAN
Telephone and Fax: +81 50 7554.0248