

—THERMOTECT WALL™, High thermal insulation and resistant furnace wall,—  
 has won the prize as “Director-General’s Prize, The Agency for Natural  
 Resources and Energy” of “Product Category & Business Model Category”  
 at Grand Prize for Excellence in Energy Efficiency and Conservation in 2015.

Tokyo, January 27, 2016 — AGC CERAMICS and AGC Plibrico have won the prize  
 as “Director-General’s Prize, The Agency for Natural Resources and Energy” of “Product  
 Category & Business Model Category” at Grand Prize for Excellence in Energy  
 Efficiency and Conservation in 2015.



The prized business model is an energy saving solution through the  
 optimal furnace design utilizing THERMOTECT WALL™, according to  
 customers’ various operating condition.

THERMOTECT WALL™, is multiple layered furnace wall structure  
 made from monolithic refractory material of THERMOTECT™ having  
 properties of high thermal insulation and high thermal resistant have  
 been dramatically decreasing the heat loss from the furnace wall surface,  
 The prize is awarded based on the evaluation that the result of the energy saving effect  
 gained by THERMOTECT WALL™ is so high and THERMOTECT WALL™ is  
 implemented at many fields of industrial furnaces, which consumes a huge amount of  
 energy such as steel, petroleum, cement and glass industry.

THERMOTECT WALL™ can be applied in a wide  
 range of temperature from 800 to 1,700 degrees  
 Celsius with its property of high thermal insulation  
 and thermal resistant. The characteristics of  
 THERMOTECT WALL™ are, it is developed by  
 utilizing AGC Ceramics’s special raw material from  
 its manufacturing plant, and it does not contain any  
 Refractory Ceramics Fiber (RCF) which has been  
 designated as the category 2 in Ordinance on  
 Prevention of Hazards due to Specified Chemical Substances in Japan.



By replacing RCF with THERMOTECT WALL™, customers can achieve not only fuel  
 cost reduction by heat loss decrease, but also they can apply it at the portions where



application of RCF was impossible previously due to severe physical and chemical damage occurrence. Thus, it is expected that the adoption of THERMOTECT WALL™ will widely spread over the various industries.

Under the management policy *AGC plus*, the AGC Group is pursuing the development of products that add a “plus” by providing safety, security, and comfort, while achieving both energy saving and them for customers and business partners.

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<Reference>

AGC CERAMICS Co., Ltd. (Head Office: Tokyo; President & CEO; Akinobu Shimaou, Subsidiary of AGC Asahi Glass Co., Ltd.)

AGC Plibrico Co., Ltd. (Head Office: Tokyo; President & CEO; Satoshi Sakamoto, Subsidiary of AGC CERAMICS Co., Ltd.)