

## Mill Creek Chimney Liners

### Derakane Epoxy Vinyl Ester Resins – Case History



#### Location / Year

Manufacturing and supply of chimney liners for LG&E Power Plant Mill Creek, Kentucky, USA in 2013 and 2014.

#### Fabricator

Plasticon North America Inc.

#### Fabrication

FRP laminate made of fire retardant **DERAKANE 510B** epoxy vinyl ester resin by on-site filament winding.

#### Service Conditions

FRP composite liner  
Operating Temperature: 54.4°C (130°F)  
Upsets: 71°C (160°F)  
Media: Flue gas from coal fired power plant

#### Technical Data

Unit 1&2: Ø 8,534 mm (28 ft), length 168 m (551 ft)  
Unit 3: Ø 7,010 mm (23 ft), length 37 m (121 ft)  
Unit 4: Ø 7,620 mm (25 ft), length 168 m (550 ft)

#### Comment/Design

Scope: detail engineering; on site manufacturing and installation of two stacks in a concrete chimney and one duct.

NOTICE : No freedom from any patent owned by Seller or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN ; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.



Ashland is committed to the continuous evolution of technology and service solutions that promote health, safety and environmental protection around the world. © Registered trademark and ™ trademark of Ashland Inc.  
\* Registered service mark of the American Chemistry Council, © 2016 Ashland  
<http://www.ashland.com>, <http://www.derakane.com>