

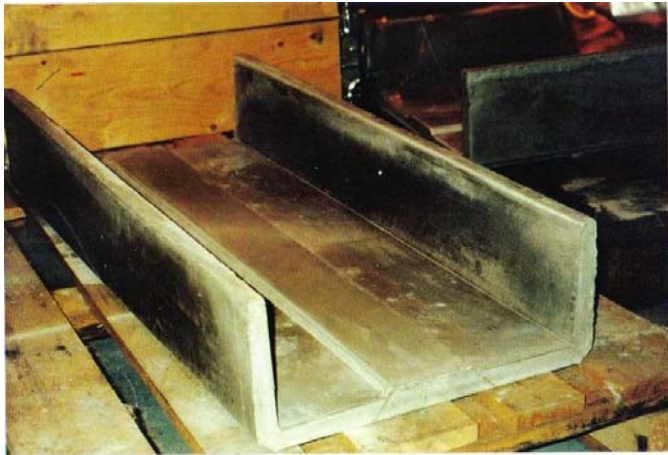
Ceramite® Coke Oven Guide Door

Superior Performance in Wear Resistant Applications

Bulletin 0159

Steel & Coke Industries

06/06



**Ceramite® BKR Floor Section
Precast & Prefired**



**Ceramite® BKR Floor Section in Service
Since 1994!**

PROBLEM

- ↪ The coke oven guide floor was originally designed with high temperature steel plates which, over time, resulted in both warped plates and coke 'sticking' problems.

FACT

- ↪ Ceramite® outperform specialty steels time after time!
- ↪ Ceramite® is ideally suited for both hot and cold applications.
- ↪ Ceramite® is designed to replace specialty steels, ceramic tile, rubber, basalt and epoxies.
- ↪ Ceramite® is proven technology.

SOLUTION

- ↪ Ceramite® BKR, precast and prefired.
- ↪ **Conditions:** Extreme Abrasion
- ↪ **Temperature:** 400° C / 750° F
- ↪ **Current Users:**
 - » Elkem Carbon, Norway since 1996
 - » Hoogoven Steel since 1994
- ↪ **Comments:**
Reduced the maintenance cost by 50% and reduced the down time during maintenance.
- ↪ **Previous Materials:** Specialty Steels