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TECHNICAL DATA SHEET

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**Envirostop AMC-5** is a Blast furnace taphole closure material that is designed for the small to medium size single or multi-taphole furnace. The product has a unique multi bonding system that forms a composite bond at high temperatures, thus allowing for increased taphole lengths and can reduce and or repair gas channeling.

The product also contains a blend of silicon carbide and antioxidants that allows for reduced hole erosion from aggressive slag. The product also has reduced visible smoke over conventional coal tar bonded products.

**Cold Coked Crushing Strength** (psi) 1700 Min

**Volatile Loss** 9.5% Max

**Green Bulk Density** (as rammed) 145 PCF

**Linear Change** (after coking at 2000° F) +10%

**Chemical Analysis** (after calcined in oxidizing conditions)

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiC + Additive
57	26.1	1.5	15.4

**PACKAGING:** 3000 lbs. pallet box, individually wrapped slugs

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The data presented represents typical average results obtained by testing under ASTM or other acceptable procedures as required. They are subject to normal variations and should not be used for specification purposes.