



RENO REFRACTORIES, INC

RENO RAM 85 GP

RENO RAM 85 GP is a high alumina, air setting, non wetting, ramming mix containing graphite. It is designed to withstand corrosive effects and harsh environment of molten iron and slag. This material has many applications for blast furnaces and high production cupolas. This material can be easily installed using floor rammers.

RENO RAM 85 GP works very well as a bottom material when longer campaigns are desired. This material can be used as the top layer when used with Reno Bottom Sand on the doors.

SERVICE TEMPERATURE: 3000°F
MATERIAL REQUIRED FOR ESTIMATING: 170 lbs/cf

TYPICAL CHEMICAL ANALYSIS (Reducing Conditions)

| Al ₂ O ₃ | SiO ₂ | Fe ₂ O ₃ | TiO ₂ | MgO | CaO | C | Alk. | Other |
|--------------------------------|------------------|--------------------------------|------------------|-----|-----|------|------|-------|
| 71.9 | 10.7 | 1.6 | 2.4 | 0.1 | 0.1 | 12.7 | 0.3 | 0.2 |

TYPICAL PHYSICAL PROPERTIES (reducing conditions above 250°F)

| Prefired to °F | Modulus of Rupture, psi | Cold Crushing Strength, psi | Linear Change % |
|----------------|-------------------------|-----------------------------|-----------------|
| 250 | 530 | 1,250 | -0.6 |
| 1500 | 615 | 2,200 | -0.6 |

PACKAGING: 50 lb. Bags, 50 per Pallet (2500 lbs.)
1/2500# Bulk Bag
1/2000# Bulk Bag

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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.

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