



PRODUCT DATA

Brand Name: METALDAM®

Description: METALDAM® is a finely ground, 50% alumina, heat-setting mortar, highly refractory to 3100°F and recommended for use where brick and mortar come into contact with molten metal or slags. Since it is more refractory than most firebrick, it not only resists erosion, but also helps to retard brick scouring. It holds brick firmly in place, yet will release them readily during tear out of the wall or lining for repair or replacement.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3100°F (1649°C)

Typical Water Required for Consistency (by weight) :

Troweling	25 - 29 %
Dipping	40 - 42 %

Material Required:

To Lay 1000 9" Straight Brick	290 - 325 lbs.
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Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	53.0
Silica (SiO ₂)	42.0
Iron Oxide (Fe ₂ O ₃)	1.0
Titania (TiO ₂)	2.0
Lime (CaO)	0.6
Magnesia (MgO)	0.3
Alkalis (Na ₂ O+K ₂ O)	1.1

Standard Packaging: 55 lb. bag. 72 bags per pallet

Brand Code: 0976

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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