



# PRODUCT DATA

**Brand Name:** REF BOND X-13 DP

**Description:** Fine grain, chemically bonded, high alumina coating with excellent abrasion resistance and superior wear resistance. Sub-micron grain sizing provides maximum density to fill voids and withstand slag attack. Product reacts chemically with existing phosphorus linings to act as a uniform lining.

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

**Maximum Service Temperature:** 3250°F (1788°C)

### Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	83.9
Silica (SiO <sub>2</sub> ) .....	10.3
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	0.6
Titania (TiO <sub>2</sub> ) .....	1.2
Lime (CaO) .....	0.1
Magnesia (MgO) .....	0.1
Other .....	0.2
Phosphorus Pentoxide (P <sub>2</sub> O <sub>5</sub> ) .....	3.9

**Packaging :** 55 lb plastic pail

**Storage :** Store in a cool, damp area and protect from freezing. Trowel, brush or spray, depending upon consistency. Avoid contact with molten metal until thoroughly dry.

**Brand Code:** 2541

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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03/08/17 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet.

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