



# PRODUCT DATA

**Brand Name:** ADACOR 70

**Description:** ADACOR 70 is a wet ready-mixed high alumina based bonding mortar available in either trowel or dipping consistencies. ADACOR 70 is recommended for laying up super duty, high alumina, and mullite brick. It has a high alumina content which gives the product resistance to erosion and also a high bonding strength at temperatures up to 3200°F.

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

**Maximum Service Temperature:** 3200°F (1760°C)

**Pyrometric Cone Equivalent (ASTM C-24) :** Cone 36

**Modulus of Rupture (psi) :**

After 220°F (105°C)	1050	(74 kg/cm <sup>2</sup> )
After 2550°F (1400°C)	1750	(123 kg/cm <sup>2</sup> )

**Typical Chemical Analysis (%)**

(Calcined Basis)

Alumina (Al <sub>2</sub> O <sub>3</sub> ) .....	68.5
Silica (SiO <sub>2</sub> ) .....	25.1
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> ) .....	1.0
Titania (TiO <sub>2</sub> ) .....	1.9
Other .....	3.5

**Standard Packaging:** 55 lb. pails. 48 pails per pallet

ADACOR 70 should be stored in a dry place between 32°F (0°C) and 100°F (38°C). For best results use within two months.

Brand Code: 0104 (Dip) 0105 (Trowel)

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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