

Mortars

Product Data

ADACOR 85

ADACOR 85 is a wet ready-mixed high alumina based bonding mortar available in either trowel or dipping consistencies. **ADACOR 85** 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.

Refractoriness: Passes ASTM C-199 at 2910°F (1600°C)

P.C.E.: Cone 36-37 (ASTM C-24)

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

Joint MOR:

220°F (105°C)	900-1200 psi (63- 84 kg/cm ²)
2550°F (1400°C)	1500-2000 psi (105-140 kg/cm ²)

Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	TiO ₂	Fe ₂ O ₃	Other
83.3	12.7	1.3	0.6	2.1

Screen Sizing: +35 Mesh (Trace)

Standard Packaging: 48 - 55 lb. pails per pallet

Storage:

ADACOR 85 should be stored in a dry place between 32°F (0°C) and 100°F (38°C). For best results use within two months.

The properties shown on this data sheet represent typical average results generated 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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