



Chem-Bonded Castables

Product Data

RESCOBOND AA-22S

RESCOBOND AA-22S is a chemically bonded, erosion resistant, single component refractory material used primarily in thin lining applications to protect against severe abrasion. To prepare for use, blend the **RESCOBOND AA-22S** with water. **RESCOBOND AA-22S** is an air setting material. It can also be used to patch other refractory linings.

Maximum Service Temperature: 2600°F (1427°C)

Bulk Density:

After 1500°F (815°C) 168 lb/ft³ (2688 kg/m³) (Typical)

Cold Crushing Strength:

After 1500°F (815°C) 16000-25000 psi (1120-1750 kg/cm²)

Modulus of Rupture:

After 1500°F (815°C) 2200-2800 psi (154-196 kg/cm²)

Erosion Loss:

After 1500°F (815°C) 3.4cc Max

Permanent Linear Change(%):

1500°F (815°C) 0.0 to -0.4

Conductivity or “K” Factor:

Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
500°F (260°C)	14.3	2.08
1000°F (540°C)	14.0	2.03
1500°F (815°C)	14.2	2.06

Typical Chemical Analysis(%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	MgO/CaO	Alkalies	P ₂ O ₅	Other
73.6	12.9	1.0	4.8	0.1	4.4	3.2

Standard Packaging: 72 – 25kg. bags per pallet

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions 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. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 03/07/14 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

