

3000°F CERAMIC BOARD

Rigid Hi-Temp. Thermal Insulation

Rescor Ceramic Board is made from Asbestos-Free high purity refractory fibers, with a melting point of 3200-3600°F

These high purity fibers are thoroughly interlaced in the production process and bonded with an inorganic binder.

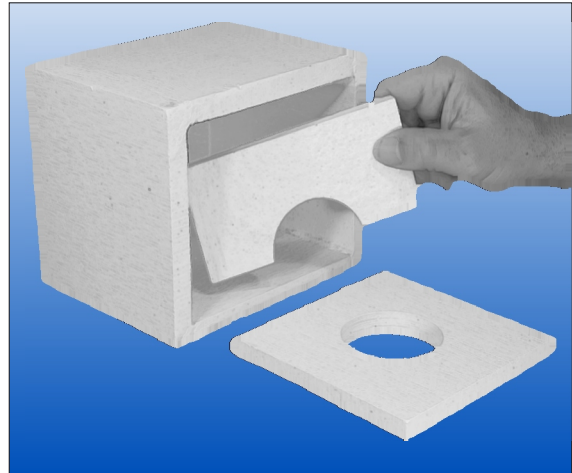
Now: Strong rigid free standing shapes and parts are easily constructed. Just Cut, Saw, or Drill. Bond the shapes together, if require, with 901 adhesive.

360 Ceramic Board offers excellent thermal shock resistance. Can be heated to 2000°F and cooled in minutes, without cracking.

Resistant to oxidizing and reducing atmospheres, most molten metals, steam, most chemicals and solvents. (Not recommended for use with HF, H₃PO₄ and strong Alkalies.)

Trace organic binders used in processing can be removed by a simple heat treatment in air at 800°F, prior to use if required.

Use **Rescor 360** for general purpose, 360HS for construction, 360EHS for gaskets and higher strength applications, 360H for 2700°F, and 3360UHT for 3000°F applications.



Assembling a Hi-Temp Housing

RESCOR™ DESCRIPTION	360 Standard Grade	360HS High Strength	360EHS Extra High Strength	360H High Temp	3360UHT Ultra Hi Temp
Continuous Use Temp °F	2300	2300	2300	2700	3100
Melting Point °F	3200	3200	3200	3300	3600
Density (#/ft ³)	16	33	60	15	15
Modules of Rupture (psi)	55	350	700	60	50
Dielectric Constant (@ 10 ⁸ cps)	1.61	1.61	1.61	1.61	1.61
Dielectric Strength (volts/mil)	100	100	100	100	100
Loss Factor	0.017	0.017	0.017	0.017	0.017
Specific Heat (BTU/# °F)	0.25	0.25	0.25	0.25	0.25
Thermal Conductivity (BTU-in./Hr. Ft ² °F)					
500°F	0.45	0.55	0.75	0.45	0.45
1000°F	0.70	0.80	0.95	0.70	0.70
1500°F	0.95	1.05	1.00	0.95	0.95
2000°F	1.55	1.75	1.95	1.55	1.55

Applications Include:

High temperature free standing shapes, rigid high temperature gaskets and seals, heating element supports, heat shields, high temperature insulation, chemical reactor Insulation, handling, brazing fixture supports, trays.

Construction of laboratory, pilot plant and test systems, liquid metal handling, brazing fixture supports, trays.

Cat. No.	Temp °F	Thickness	Size	Sht/Ctn
360-1EHS	2300	1/8"	12" x 24"	2
360-1	2300	1/4"	12" x 18"	4
360-2	2300	1/2"	18" x 24"	2
360-2B	2300	1/2"	18" x 24"	4
360-5	2300	1"	18" x 24"	2
360-5B	2300	1"	18" x 24"	4
360-2HS	2300	1/2"	18" x 24"	2
360-3HSB	2300	1/2"	18" x 24"	4
360-5HS	2300	1"	18" x 24"	2
360-5HSB	2300	1"	18" x 24"	4
360H-5	2700	1/2"	18" x 24"	2
3360UHT	3100	1/2"	18" x 24"	2

Special Sizes, Custom Fabricated Parts and Quantity Prices on Request



COTRONICS CORPORATION

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