



Panel Mixes

Product Data

FONDU PANEL MIX

FONDU PANEL MIX is used to produce lightweight, strong, perlite based panels. They can be manufactured to a wide range of sizes to fit special industrial needs.

Maximum Service Temperature: 1600°F (870°C)

Bulk Density:
220°F (105°C) 31 – 38 lbs/ft³ (496 - 608 kg/m³)
1500°F (815°C) 30 – 33 lbs/ft³ (480 - 528 kg/m³)

Cold Crushing Strength:
220°F (105°C) 200 – 250 psi (14 – 17.5 kg/cm²)
1500°F (815°C) 125 – 185 psi (8.75 – 12.95 kg/cm²)

Permanent Linear Change (%):
1500°F (815°C) -0.70 to -1.1%

Conductivity or “K” Factor:

Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
500°F (260°C)	1.1	0.16
1000°F (540°C)	1.3	0.19
1500°F (815°C)	1.6	0.23

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O
39.2	34.4	1.6	20.9	0.1	2.0	1.8

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

02/28/08 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