

PLAINTIFF'S EXHIBIT

RSE-18

JOHNS-MANVILLE ASBESTOS-CEMENT BUILDING PRODUCTS

TECHNICAL BULLETIN

SHEET ELECTROBESTOS®
ASBESTOS-CEMENT ELECTRICAL BOARDS

ELECTROBESTOS is an inorganic sheet material developed for use as an arc and flame barrier and as a shield or barrier in applications where considerable heat is encountered. Made of asbestos fiber and portland cement, bonded under tremendous pressure into a dense homogeneous sheet, it is given a further inorganic treatment to develop its maximum properties.

ELECTROBESTOS is recommended for temperatures to 800° F.

ELECTROBESTOS is not recommended for mounting current carrying parts. The electrical properties shown apply only to the specific atmospheric conditions indicated. They will vary considerably at other temperatures and humidities.

ELECTROBESTOS Typical Physical and Electrical Properties

Density (Dry)*, lb/cu ft, minimum	105
Moisture Content (Normal), % of dry weight, maximum	5
Transverse Strength, psi	
(Modulus of Rupture)	
1/4" thickness	4500
3/8" to 3/4" thickness	4000
Over 3/4" thickness	3500
Brinell Hardness No.	
(500 kg load, 10mm ball, 10 sec)	10-40
Volume Resistivity, megohm in., average	
Parallel to faces of sheet	
(A.S.T.M. D-257)	
Sample: 1/4" x 1" x thickness	
Conditioning: One week desiccation	
followed by 1 week at given conditions	
Normal Condition (75F, 50% RH)	0.2
Humid Condition (75F, 91% RH)	0.01
Arc Resistance, seconds, average	300
(A.S.T.M. D-495)	

*Oven dried sample

IAC-68A 12 66