



Papers

	Thermatex 500 Paper	Superwool HT Paper	Superwool Plus Paper	Kaowool 1260 Paper	Kaowool 1400 Paper	Kaowool 1600 Paper	Insulfrax Paper
Classification Temperature, °C	500	1300	1200	1260	1400	1600	1200
Colour	white	white	white	white	white	white	white
Density, kg/m ³	120-150	210	190-210	210	210	150	140-160
Tensile Strength (EN 1094-1), kPa	500	>450	>650	750	750	250	>350
Ignition Loss, %	8	8	8	8	6	6	<12
Permanent Linear Shrinkage, after 24 hours (EN 1094-1), %							
1000°C	-	-	<2	-	-	-	-
1200°C	-	-	-	-	-	-	<4
1260°C	-	-	-	3,5	-	-	-
1300°C	-	<2	-	-	-	-	-
1400°C	-	-	-	-	3,0	-	-
Thermal Conductivity (ASTM C-201), W/m.K							
200°C	-	0,04	0,05	0,06	-	0,04	0,06
400°C	-	0,07	0,07	0,09	0,09	0,06	0,10
500°C	-	-	-	0,11	-	0,09	-
600°C	-	0,10	0,11	0,13	0,13	-	0,15
700°C	-	-	-	-	-	-	-
750°C	-	-	-	-	-	-	-
800°C	-	0,14	0,16	0,20	0,20	-	0,22
900°C	-	-	-	-	-	-	-
1000°C	-	0,19	0,23	-	0,29	-	-
1200°C	-	0,25	-	-	0,44	-	-
1400°C	-	-	-	-	-	-	-
Chemical Composition, %							
SiO ₂	65	70-80	-	52	46-52	9	61-67
Al ₂ O ₃	3,5	-	-	47	48-54	88	<1
CaO	9,5	18-25	-	-	-	-	27-33
MgO	-	-	-	-	-	-	2,5-6,5
Na ₂ O	12	-	-	-	-	-	-
B ₂ O ₃	6	-	-	-	-	-	-
Others	<5	<3	-	1	<5	3	<0,6
Standard Roll Length, m	15-10	40-20-15-10	40-20-15-10	40-20-15	40-20-15	10	60-35-25-20
Standard Roll Width, mm	1000	1000-1200	1000-1220	1000	500-1000	1000	610-1220
Available Thicknesses, mm	3-6	1-2-3-4-5-6-8-10	1-2-3-4-5-6-8-10	1-2-3	1-2-3	2-3	1-2-3-4-5
Manufacturer	Morgan Thermal Ceramics						Unifrax

Thermatex, Superwool and Insulfrax papers have excellent thermal insulation characteristics and exceptional handling properties.

Exonerated from any carcinogenic classification under nota Q of directive 97/69 EC.

Classification Temperature: 500-1200-1300°C

Kaowool Papers are manufactured from high purity refractory fibres and designed for high temperature insulation.

Classification Temperature: 1260-1400-1600°C

Paper products are very flexible and resistant to tearing and particularly suited to all applications requiring further processing.