

MATERIAL EMISSIVITY

MATERIAL	DESCRIPTION	EMISSIVITY
Aluminium	oxidized	0.30
	polished	0.02-0.04
Brass	oxidized	0.50
	polished	0.02-0.05
Gold		0.01-0.10
Iron	oxidized	0.70
Steel	polished	0.70-0.90
Asbestos		0.95
Gypsum		0.80-0.90
Asphalt		0.95
Rock		0.70
Wood		0.90-0.95
Coal	ground	0.96
Carbon		0.85
Lacquered	lackluster	0.97
Carbon cement		0.90
Soap bubbles		0.75-0.80
Water		0.93
Snow		0.83-0.90
Ice		0.96-0.98
Frozen Food		0.95

MATERIAL	DESCRIPTION	EMISSIVITY
Ceramicks		0.95
Limestone		0.98
Color		0.93
Human skin		0.98
Graphite	oxidized	0.20-0.60
Plastic	opaque	0.95
Rubber		0.95
Plastics cement		0.85-0.90
Beton		0.95
Cement		0.96
Ground		0.90-0.98
Mortar		0.89-0.91
Brick		0.90-0.96
Marble		0.94
Textile		0.90
Heated food		0.95
Plastic		0.95
Oil		0.94
Iron and Steel		0.80-0.90
Wool	natural	0.94
Lead	oxidized	0.50