Thermo Heating Blanket - For curing epoxy composite material.

Thermo heating blankets are used for onsite repair of wind mill blades which can be damaged or degraded by several factors. These are specially designed to cure the leading, trailing & tips of the wind mill blade.

CE

Construction

Thermo Heating blankets comprise of Fluoropolymer insulated heating elements distributed very uniformly and sandwitched between multiple layer of Aluminum coated fiber glass cloth. This complete assembly is insulated with fiber glass wool on one side. The Heating element is connected to power supply through Screened Silicon Rubber insulated Cable .

Features

Uniform Heating	Close and evenly distributed heating element backed by aluminium foil ensures effective and uniform heating.
Highly Efficient	Heat is applied directly on the surface resulting in minimal heat loss.
Precise Temperature Control	Thermostatic controls associated with heaters enable very precise temperature control with minimal thermal lag.
Long Life	The high flexibility also ensures good heating element contact resulting in lower element temperatures and hence long life.
Ease Of Handling	Very Light & Highly Flexible construction enables onsite repairs even at heights
Safety	100% Aluminium screening ensures human safety.

Technical Specifications

Operating Voltage	230V/110V AC
Operating Temperature	60°C to 90°C
Temperature Sensor	RTD/Thermocouple having overall braided cold leads of 2 meter length(Optional)
Power/Control Connection	2.0 M of Lead cable
Temperature Control	In built Capillary type Thermostat - Range 30° C to 110° C(Optional)
High Temperature Protection	In built Temperature Limiter

Range

Mat Size in Meters	0.5x1.0	0.5x2.0	0.5x3.0	1.0x1.0	1.0x2.0
Wattage @ 230 V	375	750	1125	750	1500
Resistance (Ohms)	141.1	70.5	47	70.5	35.3
Mat Loading (W/SqM)	750	750	750	750	750

Can be custom designed to suit specific requirements.