

OWENS CORNING THERMORANGE® SYSTEM

FIBERGLAS® INSULATION FOR APPLIANCE APPLICATIONS

DESCRIPTION

Owens Corning's ThermoRange System Insulation is designed for use in household, commercial, institutional and laboratory appliances. The flexible white *fiberglas* blankets are bonded with a proprietary thermoset resin resulting in low smoke and odor characteristics. The product is suitable for use in self-cleaning ranges and other high-temperature applications.

APPLICATIONS

ThermoRange System Insulation can withstand environments from subzero to 1000°F. The product is suitable for:

- Self-cleaning, standard and countertop ranges
- Oven panels and broilers
- Commercial ovens
- Fireplaces
- Other heated appliances



FEATURES AND BENEFITS

- ThermoRange System Insulation has soft fibers making it easy to handle, install and is less irritating.
- ThermoRange System Insulation's proprietary binder chemistry makes the product compliant with low levels of Volatile Organic Compounds eliminating consumer concerns about certain toxic emissions.
- ThermoRange System Insulation is thick and resilient assuring that the insulation cavity is completely filled.
- ThermoRange System Insulation's tensile strength and thickness control make it easy to handle and install.
- ThermoRange System Insulation is non-corrosive and will not corrode copper, aluminum and steel (per ASTM C 665).
- ThermoRange System Insulation is available in five thermal performance levels providing maximum performance at minimum cost.

Type	Density*		Nominal "k"			Nominal "k"		
	(pcf)	(Kg/M3)	75°F	300°F	500°F	23°C	149°C	260°C
TRS-10	1.02	16.3	0.260	0.51	0.85	0.037	0.074	0.123
TRS-20	1.26	20.2	0.242	0.46	0.75	0.035	0.066	0.108
TRS-30	1.76	28.2	0.230	0.39	0.62	0.033	0.056	0.089
TRS-40	2.50	40.1	0.220	0.35	0.52	0.032	0.050	0.075
TRS-50	3.71	59.4	0.211	0.31	0.44	0.031	0.045	0.063

* Density value is nominal. Product control is on thermal conductivity.