



Saving Time Under Thermoreactor®

Maker:



509 Chemin des Vignes
Zone d'activité Actipole 2b
01360 BRESSOLLES - FRANCE



INNOVATIVE INFRARED TECHNOLOGY : THERMO-BOOTH®

SUNKISS THERMO-BOOTH® PRODUCT



GAS CATALYTIC INFRARED BASICS AND TECHNOLOGY

- Heat Transfer by InfraRed Radiation.
- Heat is transferred through the material.
- Body with lower temperature.
- Excitation of atoms and molecules by electromagnetic waves.
- Durability of catalyst fiber medias manufactured at Sunkiss® factory.

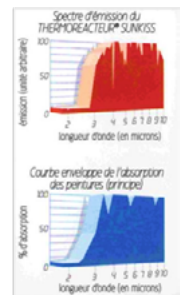


TIME SAVINGS UNDER THERMOREACTOR®

Save-up to 50% of time.

- **Water base varnish: 4 to 6 min.**
- **Polyurethane varnish: 10 to 15 min.**







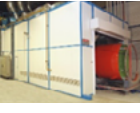
By matching the wave length, you're curing the product at the molecular level forcing the reaction and therefore reducing the time needed to cure.



ADVANTAGES AT A GLANCE

- Thermoreactor® are explosion proof appliances (ATEX CE compliance).
- Matching of spectra between paints and Thermoreactor® units.
- Energy savings from fast curing process and air hot recycling in oven.
- Fully modulating operation and temperature-controlled system.
- Individual solutions for your demands.
- No NOx or CO emission only creation of H2O and CO2 and heat.
- No moving parts.

SAVING TIME UNDER THERMOREACTOR®

Part shape	Caterpillar vehicles	Army tanks	Bus	TGV railway locomotive	Underground tube wagons	Railway wagons	Aircraft engine frames
Picture							
Paint	Polyurethane paint	Polyurethane paint	Polyurethane paint	Polyurethane paint	Polyurethane paint	Polyurethane paint	Solvent paint or water paint
Polymerization time with hot air	16 hours	24 hours	4 hours	16 hours	4 hours	24 hours	2 hours
Polymerization under Thermoreactors®	4 hours	4 hours	30 minutes	4 hours	55 minutes	6 hours	45 minutes



Innovative Solutions

combining **Equipment & Materials**
Process Production, Retrofit, Overhaul and Maintenance



Contact us:

Ludivine Danger - CEO

+33 (0)6 88 73 56 12

ludivine.d@hera-aero.com

www.hera-aero.com