

# EVOCorse



# P-DEF

## Pyroclast® Dynamic Energy Filter



### BRAKE SYSTEM THERMAL INSULATION PADS

**1**

Substantial reduction of brakes' temperature problems

**2**

Ease in reaching the correct temperature of the linings

**3**

Increase of braking performances

**4**

Damping of vibrations

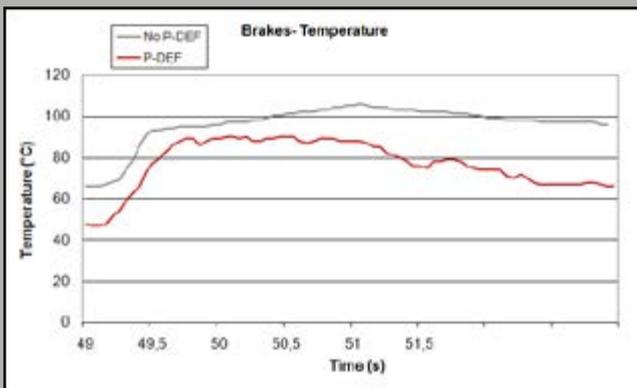
**5**

Increase life of brake piston's seals

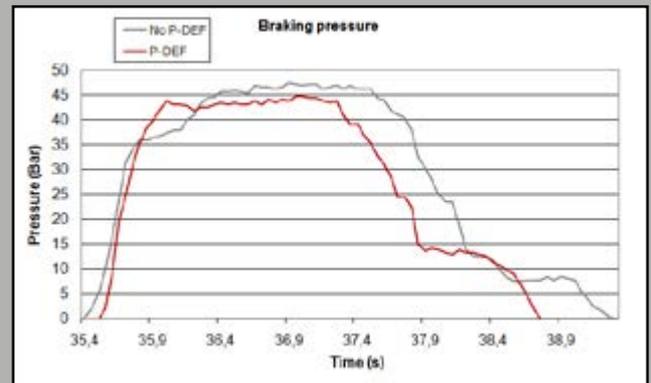
P-DEF is the solution for the set-up of the most powerful braking systems. Made of Pyroclast®, a new patented material with exceptional insulation properties and compression strength, it brings incredible benefits in the racing use of the braking system:



P-DEF plates have to be positioned between the brake lining and the caliper's pistons, creating a **barrier for the passage of the heat** given off during the braking. In this way, **Vapor-lock problems**, caused by the brake fluid as a consequence of an intense use of the brakes, are reduced.



The temperature of brakes with P-DEF plates is sensibly lower than that of brakes without P-DEF plates.



This graphic shows how braking time is 0.500 seconds faster when the car uses P-DEF plates on brake pads.

### PYROCLAST 600 Technical Sheet

Properties	Value	UM	Spec
Thermal conductivity	0,21	W/mK	DIN 52612
Long term heat resistance	620	°C	
Thickness	1+-0,15	mm	
Density	2,12	cm3	ISO 1183 method 3
Water absorption	<0,6	%	ISO 62 method 1
Flammability	94 V-0	according	UL 94
Flexural strength flatwise	150	Mpa	ISO 178

- **P-DEF is available in many different shapes, based on the different brake pad contour**, already precisely cut and prepared in 4 pieces sets for a single car axle. Ask for a specific application or check our fitting list with a lining commercial code for your brake system;
- P-DEF is not a one-shot-use material, it may be re-used on the same brake **for an average life of 3 different pad sets**, depending on brake and use condition;
- **P-DEF has been tested on racing brakes and pads only**: use on standard brake systems is not recommended.

**EVO**Corse

Seido DE S.r.l.

Via Staizza, 56 - 31033  
Castelfranco Veneto (TV) - Italy

+ 39 049 936 50 50

+ 39 049 936 88 96

evocorse.com

evo@evocorse.com

EVO Corse Racing Wheels

evocorsewheels



PYROCLAST®, is a material free from toxic and dangerous substances included in the directive EU 2002/95/CE, p4 sec1, the material does not include Asbestos or other materials dangerous for health.