

RST Rail System Testing GmbH - Philipp-Pfarr-Str. 10 - 16761 Hennigsdorf

**POTMA OY**  
Mr. Lassila  
Teollisuustie 10  
95700 Pello  
Finland



Ihr Zeichen  
ohne

Unser Zeichen  
SG

Datum  
10.01.2011

RST Rail System Testing GmbH  
Philipp-Pfarr-Straße 10  
16761 Hennigsdorf

Fon +49 (0)3302 49982 0  
Fax +49 (0)3302 49982 15

www.rst-labs.de  
info@rst-labs.de

**SG/AT60-10-0330\_ Certificate POTMACORE**  
**Fire behaviour according DIN 5510-2 (05/2009)**

The fire laboratory of RST Rail System Testing GmbH carried out fire tests with Test specimen **POTMACORE Honeycomb** according to the test method DIN 54837 and DIN 5510-2 appendix C in order from **Oy Potma Ltd** in timeframe November 2010 to January 2011.

The tests included specimen from POTMACORE 096C, 128C, 192C in different thicknesses from 10 to 70 mm. All test results were documented in separate test reports:

P60-10-0605	POTMACORE 096C	25 mm	S5; SR2; ST2
P60-10-3253	POTMACORE 096C	25 mm	FED(tzul=30)=0.01
P60-11-0013	POTMACORE 096C	10 mm	S5; SR2; ST2
P60-11-0014	POTMACORE 128C	10 mm	S5; SR2; ST2
P60-11-0015	POTMACORE 128C	50 mm	S5; SR2; ST2
P60-11-0016	POTMACORE 192C	10 mm	S5; SR2; ST2
P60-11-0017	POTMACORE 192C	70 mm	S5; SR2; ST2
P60-11-3001	POTMACORE 192C	10 mm	FED(tzul=30)=0.01
P60-11-3002	POTMACORE 128C	10 mm	FED(tzul=30)=0.02

Based at this results we are certify that the examined products with type designations **POTMACORE 096C; POTMACORE 128C; POTMACORE 192C** reach the Flammability class **S5**; Smoke generation class **SR 2**; Droplet formation class **ST2**; Toxicity evaluation **FED <1** according the requirements to DIN 5510, part 2 (05/2009).

The Certificate is valid until 10 January 2014.



Gert Schmidt  
Head of Fire Lab