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Bellaterra : August 09, 2012
File No. : **12/5388-1279**
Petitioner reference : **TOPCRET TECNOLOGÍA EN REVESTIMIENTOS, S.L.**
Tax ID: B-63700074
Gran Via de les Corts Catalanes, 828
08013 Barcelona

ASSAY REPORT

RECEIVED MATERIAL:

On June 27, 2012, at Applus+LGAI we received a paving sample applied on a concrete support, with the following references according to the petitioner:

T/SWIM – T/FRONT

REQUESTED ASSAY:

1. Performance of 30 freeze/thaw cycles according to internal procedure.

ASSAY PERFORMANCE DATE: From 06/27/2012 to 08/08/2012

RESULTS: See attached pages.

[Illegible signature] Digitally signed by
Juan Martinez Egea

Responsible for Construction Materials
LGAI Technological Center S.A.

[Illegible signature] Digitally
signed by
Raúl Martín García

Technician in charge
LGAI Technological Center S.A.

Results specified in this document correspond exclusively to the material received at Applus+LGAI and assayed according to submitted indications.

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Page 1 – This document consists of **2** pages, **0** of which are attachments

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TOPCRET TECNOLOGÍA EN REVESTIMIENTOS, S.L.	T/SWIM – T/FRONT

RESULTS:

1. Performance of 30 freeze/thaw cycles according to internal procedure.

Every freeze/thaw cycle consists in exposing probes to a temperature of -30°C for 12 hours and subsequently immersing in water at 10°C for 12 more hours.

A total of 30 cycles have been carried out, obtaining the following results:

No defects such as cracking, quartering, color loss or material degradation have been observed.

Photograph of the assayed sample:

- Before the assay:



- After the assay:



Service Quality Guarantee

Applus+ guarantees that this work has been carried out within the terms demanded by our Quality and Sustainability System, having complied with contract conditions and legal rules.

Within the framework of our improvement program, we would be pleased to receive any comments you consider appropriate, which must be directed to the person in charge who signs this document, or else, to the Applus+ Quality Management Director, to the following address: satisfacción.cliente@appluscorp.com