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Bellaterra : 17/09/15
Record number : **15/10938-1733**
Petitioner reference : **TOPCRET TECNOLOGÍA EN REVESTIMIENTOS, S.L.**
Gran Via de les Corts Catalanes, 828
08013 Barcelona

TEST REPORT

MATERIAL RECEIVED:

On 9 September 2015, a sample of 2 test tubes, 4x4x16cm was received at Applus Laboratories, with the following reference according to the Petitioner:

MICRO-CEMENT

TESTS REQUESTED:

SELF-LEVELLING MATERIAL FOR FLOORS, UNE-EN 13813:2014
1- Resistance to compression and bending, UNE-EN 13892-2:2003

DATE THE TESTS WERE CONDUCTED: Between 09/09/2015 and 16/09/2015.

RESULTS: See enclosed page

Electronically signed
by JUAN MARTINEZ
EGEA

Electronically
signed by Raúl
Martín García

Construction Material Supervisor
LGAI Technological Center S.A.

Technical Supervisor
LGAI Technological Center S.A.

The results indicated in this document exclusively correspond to the material received at Applus Laboratories and which was tested according to the indications that they present.

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| TOPCRET TECNOLOGÍA EN REVESTIMIENTOS, S.L. | | MICRO-CEMENT |

RESULTS:

1- Resistance to compression and bending, UNE-EN 13892-2:2003

| Test tube | Age of breakage (days) | RESISTANCE TO BENDING | | RESISTANCE TO COMPRESSION | |
|-----------|------------------------|--|------------------------------------|--|------------------------------------|
| | | Tension of breakage (N/mm ²) | Average value (N/mm ²) | Tension of breakage (N/mm ²) | Average value (N/mm ²) |
| 1 | 28 | 10,2 | 10,8 | 25,5 | 25,4 |
| | | | | 24,6 | |
| 2 | 28 | 11,4 | | 25,5 | |
| | | | | 26,1 | |

| TYPES OF RESISTANCE TO COMPRESSION FOR SELF-LEVELLING MATERIAL UNE-EN 13813:2014 | | | | | | | | | | | | | |
|--|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Type | C5 | C7 | C12 | C16 | C20 | C25 | C30 | C35 | C40 | C50 | C60 | C70 | C80 |
| Resistance to compression (N/mm ²) | 5 | 7 | 12 | 16 | 20 | 25 | 30 | 35 | 40 | 50 | 60 | 70 | 80 |

| TYPES OF RESISTANCE TO BENDING FOR SELF-LEVELLING UNE-EN 13813:2014 | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| Type | F1 | F2 | F3 | F4 | F5 | F6 | F7 | F10 | F15 | F20 | F30 | F40 | F50 |
| Resistance to bending (N/mm ²) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 10 | 15 | 20 | 30 | 40 | 50 |

Service Quality Guarantee

Applus+, guarantees that this work has been carried out within the framework of what is required by our Quality and Sustainability System, having complied with the contractual conditions and legal regulations.

In the scope of our improvement programme, we would be grateful if you would send us feedback, if appropriate, sending it to the supervisor that signs this document or to the Applus+ Quality Director, at the e-mail address:

satisfaccion.cliente@appluscorp.com