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# Test report : Assessment of the behaviour of cured PC® Leakinject UNI 6816/E in a dry environment

## Introduction

The goal of this report is to assess the behaviour of hardened PC® Leakinject UNI 6816/E samples in a dry environment.

Therefore PC® Leakinject UNI 6816/E was allowed to cure under pressure in a cylindrical steel mal consisting out of 4 pieces that are held together with steel bolts (photos 1 and 2).

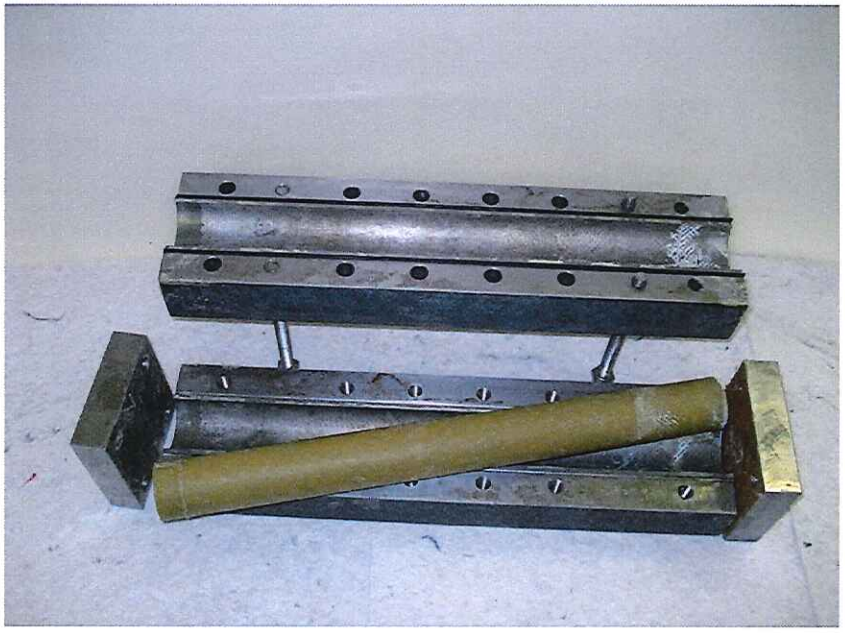

Photo 1: The steel mal in which the PC® Leakinject UNI 6816/E is cured under pressure consists out of 4 pieces.

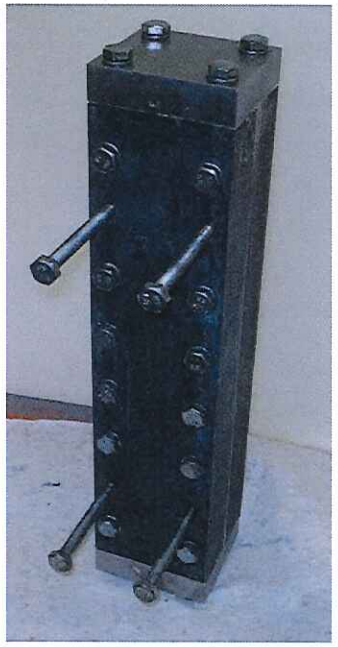

Photo 2: The 4 pieces of the steel mal are held together with steel bolts.

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Out of the resulting hardened PC® Leakinject UNI 6816/E rods, 3 pieces were cut off. Next, the 3 test specimens were put away in a open recipient. The weight of the cured PC® Leakinject UNI 6816/E specimens was followed weekly during a period of 10 weeks.

## Test results

The test results of the above-mentioned tests are summarized in the following table.

| | $M_{1,\ 6816/E}$ (g) | $M_{2,\ 6816/E}$ (g) | $M_{3,\ 6816/E}$ (g) |
|---|---|---|---|
| Start | 85.2 | 92 | 92.3 |
| 1 week | 84.8 | 91.5 | 92.1 |
| 2 weeks | 84.6 | 91.2 | 92 |
| 3 weeks | 84.6 | 90.8 | 91.9 |
| 4 weeks | 84.4 | 90.6 | 91.8 |
| 5 weeks | 84.3 | 90.4 | 91.7 |
| 6 weeks | 84.1 | 90.2 | 91.6 |
| 7 weeks | 83.9 | 90.1 | 91.6 |
| 8 weeks | 83.7 | 89.9 | 91.5 |
| 9 weeks | 83.6 | 89.9 | 91.5 |
| 10 weeks | 83.6 | 89.9 | 91.5 |

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## Conclusion

To conclude, it can be stated that the minimal weight loss of the tested PC® Leakinject UNI 6816/E samples clearly indicates that the hardened PC® Leakinject UNI 6816/E is not affected by the absence of water. Moreover, there is no change in visual appearance of the tested samples.

Wilrijk, 21 May 2013

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COO