



Polymer Institut

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Akkreditiertes Prüflaboratorium nach DIN EN ISO 17025 - DAP-PL-01.004-00

Anerkannte P-Ü-Z-Stelle für Bauprodukte gemäß Hessischer Bauordnung § 28.1

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Notified body under Construction Products Directive (89/106 EEC) - Ident.-no 1119



Test report

P 5211-E

Testing order: **Physical and chemical tests of
tortoise torpur HJ 1006**

Customer: **Alpa Ltd.
Resatbey District. No. 46 A
Ordu Street
Adana/Turkey**

Persons in charge: **J. Magner
Dipl.-Ing. O. Ehrental**

Date of the test report **2007-10-24**

This test report comprises: **10 pages
1 enclosure**

The test results exclusively refer to the tested materials.
The publication of the test report in extracts and references to tests for advertising purposes require our written agreement
in each individual case.

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5 SUMMARY

On behalf of Alpa Ltd., Turkey, the material

tortoise torpur HJ 1006


was tested at the Polymer Institut.

A summary of all test results is given in the following table:

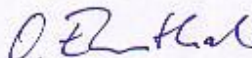
Property	Norm	results
Density	DIN EN ISO 2811-2	1,456 g/cm ³
Viscosity	DIN EN ISO 3219	3900 mPas
Shore	DIN EN ISO 868	A 58 (3 sec) / A 56 (15 sec)
Tensile strength and elongation at break	DIN EN ISO 527	2,0 N/mm ² / 400 %
Tensile bond strength	DIN EN 1542	1,4 N/mm ²
Watertightness	DIN 1048-5	3 days 5 bar
Water-vapour permeability	DIN EN ISO 7783-1	s _d = 1,6 m

Flörsheim-Wicker, 2007-10-24

The persons in charge


J. Magner





Dipl.-Ing. (FH) O. Ehrental