



TEST – CERTIFICATE

Contract No.: 2 – 223 / 06

Customer: Zobel Chemie GmbH
Weinsheimer Str. 59
67547 Worms

Sampling: Coated plastic parts delivered by the customer

Specimen: Substrate: Polyvinyl chloride (PVC)
Pretreatment: Zowosan Zowo-plast 1100
Coating system: Zowosan Zowo-plast 1450
RAL 7016, anthracite grey

Test laboratory: iLF Laboratory Paint Testing

Inspection results:

Test procedure	Test time	Result
Film thickness (DIN 50 986)		25-30 µm
Cross-cut (ISO 2409)		Gt 0
Resistance to condensation-water atmospheres (ISO 6270-2 (CH))	500 h	no defects
Resistance to liquids (ISO 2812-1) (25% caustic potash solution (KOH))	2 h	no defects
Resistance against artificial weathering and exposure to artificial radiation (ISO 11 341)	2 000 h	Loss of gloss: 14% Colour deviation: $\Delta E^* = 0,22$ Cracking: no
Resistance against artificial weathering (ISO 11 507), Irradiation 313 nm (UV-B)	300 h	Loss of gloss: 6% Colour deviation: $\Delta E^* = 0,28$ Cracking: no

The tested coating system is suitable for the coating of polyvinyl chloride (PVC) window sections. No defects or loss in quality were ascertained.

8th November 2006

C. Dreyer
Lab supervisor

H. Wienbeck
Laboratory engineer



akkreditiert nach DIN EN ISO/IEC 17025
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