

## Test Report No 210077-3

**Aim of Testing:** quality control based on the requirements of the federal specification TT-P-1952F (17 FEB 2015) for paint, traffic and airfield marking, waterborne


*LIMBOROUTE K828F Airport, approx. RAL 9016 (traffic white)*

Characteristic	Test method	Requirement		Test result
		Min	Max	
Freeze-thaw stability (three cycles)	ASTM D2243-20 + TT-P-1952-F, 4.3.8	no coagulation or flocculation, no change in consistency greater than 10 KU		no coagulation or flocculation, consistency: $\pm 0$ KU
Directional reflectance	ASTM E1347-06 + TT-P-1952-F, 4.3.9.2	85		94,60
Accelerated weathering (400 $\mu$ m wet-film thickness, 300 h, UVB-313)	ASTM G154-16 + TT-P-1952-F, 4.3.10	passed		
Directional reflectance after accelerated weathering	ASTM E1347-06 + TT-P-1952-F, 4.3.9.2	85		94,14
Volatile organic content (VOC)	ASTM D2369-20		150 g/l	326,6 g/l
Consistency	ASTM D562-10	80 KU	90 KU	88 KU
Solids by volume	ASTM D2697-03	60 %		60,8 %
Dry opacity (300 $\mu$ m wet-film thickness)	ASTM D2805-11 + TT-P-1952-F, 4.3.11	0,92		0,97
Dry time (no pick up)	ASTM D711-20		10 min	4 min
Fineness of dispersion	ASTM D1210-05	3,0 Hegman		3,5 Hegman
Bleeding ratio	ASTM D868-21	0,95		0,99
Pigment by weight	ASTM D3723-05	60 %	62 %	61 %

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iLF Magdeburg GmbH



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The test results refer only to the subjects of testing. The publication of the results in extracts is subject to the approval of the iLF Magdeburg GmbH. This test report is a shortened test report that does not cover all test conditions required by the applicable standards.