


## Test Report No 210077-2


**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 2-K K809F Airport, Federal Standard 595C 33538*

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: + 1 KU
Yellow color match (CIE illuminant D65)	ASTM D1729-16 + TT-P-1952-F, 4.3.9.4	appropriate color match to Federal Standard 595 color number 33538		similar to standard
Accelerated weathering (400 µm wet-film thickness, 300 h, UVB-313)	ASTM G154-16 + TT-P-1952-F, 4.3.10	passed		
Yellow color match after accelerated weathering	ASTM D1729-16 + TT-P-1952-F, 4.3.9.4	appropriate color match to Federal Standard 595 color number 33538		similar to standard, slightly lighter
Volatile organic content (VOC)	ASTM D2369-20		150 g/l	367,5 g/l
Consistency	ASTM D562-10	80 KU	90 KU	89 KU
Solids by volume	ASTM D2697-03	60 %		62,1 %
Dry opacity (300 µm wet-film thickness)	ASTM D2805-11 + TT-P-1952-F, 4.3.11	0,92		0,99
Dry time (no pick up)	ASTM D711-20		10 min	5 min
Fineness of dispersion	ASTM D1210-05	3,0 Hegman		4,0 Hegman
Bleeding ratio	ASTM D868-21	0,95		1,00
Pigment by weight	ASTM D3723-05	60 %	62 %	62 %

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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.