iLF Magdeburg GmbH
Fichtestraße 29 | 39112 Magdeburg

Test Report No 220147-1

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

LIMBOROUTE K828F Airport (solventborne), Federal Standard 595C 37925 (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: ± 0 KU
Directional reflectance	ASTM E1347-06 + TT-P-1952-F, 4.3.9.2	85		94,60
Accelerated weathering (400 µm 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 µm 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 %

Magdeburg, 05.04.2022
iLF Magdeburg GmbH

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