

REPORT 614/L DATE 14.12.2018

Laboratory	GFC Chimica S.r.l. Viale Marconi, 73 44122 Ferrara
Customer	NORD RESINE S.p.A. Via Fornace Vecchia, 79 31058 Susegana (TV)
Samples identification ¹	04121807 – NORDCOLOR BIANCO
Samples description	Waterborne paint
Date of receiving	04.12.2018
Analysis beginning (date)	05.12.2018
Analysis end (date)	13.12.2018
Contact	Laura Grasso

1. Introduction

GFC Chimica has examined a sample by order of NORD RESINE S.p.A. of Susegana (TV), herein indicated as the customer. The sample is a paint identified and described as reported in the table above.

As stated between the parties, GFC Chimica's laboratory has assessed the sample in order to determinate the wet-scrub resistance (method UNI EN ISO 11998:2006).

The sample was consigned to the laboratory by the customer.

2 Results

2.1 Determination of wet-scrub resistance and cleanability of coatings

The wet scrub resistance gives the resistance of the paints to repeated cleaning using an abrasive pad (3M schotch brite). The wet scrub resistance is determined in accordance with the test method UNI EN ISO 11998:2006 through the measure of the loss of dry film thickness (Ldft) expressed in micron after 200 and 40 cycles of scrubs. The test was carried out after drying period of 7 days at at T = 23±2 °C and RH=50±5%.

Classification by the loss of thickness of the coat (ref. UNI EN 13300):

Class	Loss of thickness
Class 1	< 5 µm at 200 scrubs
Class 2	≥ 5 µm and < 20 µm at 200 scrubs
Class 3	≥ 20 µm and < 70 µm at 200 scrubs
Class 4	< 70 µm at 40 scrubs
Class 5	≥ 70 µm at 40 scrubs

¹ The code 04121807 is an internal one of GFC Chimica used to mark the sample during the test.

The result is reported in the table below:

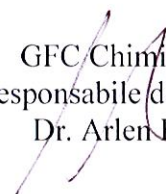
Density dry film (gr/cm ³)	Wet scrub resistance (at 200 scrubs)
1.77	Ldft = 1.41 ± 0.28 µm Class 1

The value of uncertainty is expressed as expanded uncertainty with a confidence level of 95% (coverage factor K = 2).

GFC Chimica s.r.l.
L'Analista
Ing. Cristina Pocaterra



GFC Chimica s.r.l.
Il Responsabile di Laboratorio
Dr. Arlen Ferrari



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END OF THE REPORT

