

TEST REPORT

344364 / 2

Revision: 0
Date of sample receipt: 24/02/23
Date of test: 07/03/23
Date of issue: 09/03/23

KEMICHAL S.R.L.
VIA DELL'ARTIGIANATO, 2
35010 TREBASELEGHE (PD)
ITALIA

Sample name: IF4048 IDROFOND water-based primer for interior (FA4048) with I3832 hardener at 10%
IP4100G.. IDROPAC water-based topcoat for interior (OA4100G..) with I2655 hardener at 10%

Surface resistance to abrasion DIN 68861:2013, par. 2

Test apparatus: Taber mod. 5151
Abrasive paper strips: Taber S-42 batch n. 83471
Mean wheel hardness: 65 ± 3 Shore A
Correction factor: 0,91
Surface type: transparent coating

Test results:

Wear point (n. cycles)	Classification
240	2C

Classification DIN 68861-2

Wear point (n. cycles)	Classification
> 650	2A
> 350, ≤ 650	2B
> 150, ≤ 350	2C
> 50, ≤ 150	2D
> 25, ≤ 50	2E
≤ 25	2F

Notes:

- Chemical analysis of the tested material has not been carried out.
- This test method is according to the EN 15185 standard.
- Conditioning period: from 24/02/2023 to 07/03/2023.

This test report is part of a PDF file digitally signed by Daniele Bergamasco.

The deputy director
Dr. Daniele Bergamasco


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TEST REPORT

344364 / 3

Revision: 0
Date of sample receipt: 24/02/23
Date of test: 09/03/23
Date of issue: 10/03/23

KEMICAL S.R.L.
VIA DELL'ARTIGIANATO, 2
35010 TREBASELEGHE (PD)
ITALIA

Sample name: IF4048 IDROFOND water-based primer for interior (FA4048) with I3832 hardener at 10%
IP4100G.. IDROPAC water-based topcoat for interior (OA4100G..) with I2655 hardener at 10%

Surface resistance to scratching DIN 68861:2013, part. 4

Test results:

Load applied (N)	Classification
1,3	4D

Classification DIN 68861-4

Load applied (N)	Classification
> 4	4A
> 2,0, ≤ 4,0	4B
> 1,5, ≤ 2,0	4C
> 1,0, ≤ 1,5	4D
> 0,5, ≤ 1,0	4E
≤ 0,5	4F

Note:

- Chemical analysis of the tested material has not been carried out.
- This test method is according to the EN 15186, met. B standard.
- Conditioning period: from 24/02/2023 to 09/03/2023.

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TEST REPORT

344364 / 4 rev. 0 of 21/03/23

Revision:	0	KEMICHAL S.R.L.
Date of sample receipt:	24/02/23	VIA DELL'ARTIGIANATO, 2
Date of test:	16/03/23	35010 TREBASELEGHE (PD)
Date of issue:	21/03/23	ITALIA
Sample name:	IF4048 IDROFOND water-based primer for interior (FA4048) with I3832 hardener at 10% IP4100G.. IDROPAC water-based topcoat for interior (OA4100G..) with I2655 hardener at 10%	

Migration of certain elements EN 71-3:2019 + A1:2021

Sample / Category: Coating / III

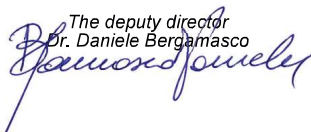
Analytical methods:
ICP-AES and IC-UV/VIS

Soluble element	CONCENTRATION	
Alluminium	mg/kg	< 5
Antimony	mg/kg	< 1
Arsenic	mg/kg	< 1
Barium	mg/kg	< 1
Boron	mg/kg	< 2
Cadmium	mg/kg	< 0,5
Tot. Chromium	mg/kg	< 0,1
Chromium (VI)	mg/kg	< 0,01
Cobalt	mg/kg	< 0,5
Copper	mg/kg	< 0,5
Lead	mg/kg	< 1
Manganese	mg/kg	< 2
Mercury	mg/kg	< 5
Nickel	mg/kg	< 0,5
Selenium	mg/kg	< 2
Strontium	mg/kg	< 1
Tin	mg/kg	< 1
Tot. Organic Tin	mg/kg	< 1
Zinc	mg/kg	222

Tested sample complies with requirements of EN 71-3:2019 + A1:2021 Category III standard.

note:--

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