

Buzzispace nv
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Your notice of
19-05-2016

Your reference

Date
30-06-2016

Analysis Report 16.02618.01

Required tests :

EN 12149 - test C (1997)	Determination of formaldehyde in textile wall covering (IGI method)
EN 12149 - test B (1997)	Determination of vinylchloride in textile wall covering (GC-MS)
EN 12149 - test A (1997)	Determination of heavy metals in wallpaper according to IGI

Identification number	Information given by the client	Date of receipt
T1610136	SKIN RED 59	19-05-2016

Kristina De Temmerman

Order responsible

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Reference: T1610136r - SKIN RED 59

Determination of formaldehyde in textile wall covering (IGI method)

Date of ending the test 15-06-2016
Standard used EN 12149 - test C (1997)
Product standard EN 15102 (2007)

Deviation from the standard -

Principle Absorption of the released formaldehyde in water of textile wall covering.

Conditions: 2 * 24 hours at 40°C in a closed bottle.

Measurements take place on the 2nd 24 hours absorption liquid.

Reaction with acetyl acetone

Determination Spectrophotometric at 412 nm

Results

Maximum allowable concentration of formaldehyde I.G.I.: 12 mg/100g

mg/100g
< 1.0

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Determination of vinylchloride in textile wall covering (GC-MS)

Date of ending the test	29-06-2016
Standard used	EN 12149 - test B (1997)
Product standard	EN 15102 (2007)
Deviation from the standard	-
Extraction method	Dimethylacetamide is added to the sample in a closed bottle. The closed bottle is heated during 2 hours at 60°C. Air from the headspace is injected directly on GC.
Analysis method	Gas chromatography, external standard
Results	
Detection limit	0.2 mg/kg

Result (mg/kg)	< 0.20
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Reference: T1610136r - SKIN RED 59

Determination of heavy metals in wallpaper according to IGI

Date of ending the test 09-06-2016
Standard used EN 12149 - test A (1997)
Product standard EN 15102 (2007)

Deviation from the standard -
Extraction method With a solution of 0.07 mol/L HCl
Determination ICP iCAP 6500
Analytical correction according to EN 233 (wallpaper cylindrical-specifications)

Results

Metals	Detection limit (DL) mg/kg	Concentration mg/kg	Corrected concentration (mg/kg)	Maximum migration * mg/kg
Sb (antimony)	0.6	21.01	8.41	20
As (arsenic)	0.5	< 0.50	< 0.50	3
Ba (barium)	0.1	< 0.10	< 0.10	500
Cd (cadmium)	0.1	< 0.10	< 0.10	3
Cr (chromium)	0.2	< 0.20	< 0.20	20
Pb (lead)	0.05	< 0.05	< 0.05	20
Hg (mercury)	0.1	< 0.10	< 0.10	20
Se (selenium)	1	< 1.00	< 1.00	10

* Limiting maximum migration according to I.G.I.

Sample history

T1610136r **SKIN RED 59**
Sample reused from order A1602617

Sample history