

TEST REPORT

2023AN1830

DATE OF RECEPTION

Date Format: dd/MM/yyyy 24/07/2023

APPLICANT

GABRIEL A/S
HJULMAGERVEJ, 55
DK-9000 Ålborg
Denmark

DATE TESTS

Starting: 15/08/2023
Ending: 07/09/2023

Att. BENTE ELLINGSOE

IDENTIFICATION AND DESCRIPTION OF SAMPLES

Reference by AITEX	Reference by customer	AITEX sample description
2023AN1830-S01	Art.Step Screen 68461 Dark Green	Fabric
2023AN1830-S02	Art.Step Screen 68418 Light Green	Fabric
2023AN1830-S03	Art.Step Screen 60411 Grey	Fabric
2023AN1830-S04	Art.Step Screen 68419 Green	Fabric
2023AN1830-S05	Art.Step Screen 60404 Light Grey	Fabric
2023AN1830-S06	Art.Step Screen 66419 Blue Grey	Fabric
2023AN1830-S07	Art.Step Screen 61449 Beige	Fabric
2023AN1830-S08	Art.Step Screen 67404 Light Blue Green	Fabric
2023AN1830-S09	Art.Step Screen 63412 Dark Orange	Fabric
2023AN1830-S10	Art.Step Screen 64470 Dark Red	Fabric
2023AN1830-S11	Art.Step Screen 66463 Blue	Fabric
2023AN1830-S12	Art.Step Screen 67435 Turquoise	Fabric
2023AN1830-S13	Art.Step Screen 68499 Light Green	Fabric
2023AN1830-S14	Art.Step Screen 68401 Yellow Green	Fabric
2023AN1830-S15	Art.Step Screen 64467 Light Red	Fabric
2023AN1830-S16	Art.Step Screen 62446 Yellow	Fabric
2023AN1830-S17	Art.Step Screen 62444 Light Yellow	Fabric
2023AN1830-S18	Art.Step Screen 61487 Light Beige	Fabric
2023AN1830-S19	Art.Step Screen 60445 Light Grey	Fabric
2023AN1830-S20	Art.Step Screen 63436 Light Orange	Fabric
2023AN1830-S21	Art.Step Screen 63439 Orange	Fabric
2023AN1830-S22	Art.Step Screen 61491 Brown	Fabric
2023AN1830-S23	Art.Step Screen 62443 Light Orange	Fabric
2023AN1830-S24	Art.Step Screen 66465 Dark Blue	Fabric

TESTS CARRIED OUT

- COLOUR FASTNESS TO RUBBING.

Tests marked with * are not included within the scope of the ENAC accreditation.





RESULTS

COLOUR FASTNESS TO RUBBING

Standard

ISO 105-X12:2016

Apparatus

Crockmeter

Starting test date

15/08/2023

Ending test date

07/09/2023

Conditioning time

> 4 H

Atmosphere for conditioning and testing

Temperature	(20±2) °C
Relative Humidity	(65±2) %Hr

Pin

Cylindrical

Applied force

(9 ± 0,2) N

% of water absorption for rubbing in humid

95-100 %



REFERENCE	DIRECTION	DRY STAINING	WET STAINING
2023AN1830-S01	Warp	5	5
	Weft	5	5
2023AN1830-S02	Warp	5	5
	Weft	5	5
2023AN1830-S03	Warp	5	5
	Weft	5	5
2023AN1830-S04	Warp	5	5
	Weft	5	5
2023AN1830-S05	Warp	5	5
	Weft	5	5
2023AN1830-S06	Warp	5	5
	Weft	5	5
2023AN1830-S07	Warp	5	5
	Weft	5	5
2023AN1830-S08	Warp	5	5
	Weft	5	5
2023AN1830-S09	Warp	5	5
	Weft	5	5
2023AN1830-S10	Warp	5	5
	Weft	5	5
2023AN1830-S11	Warp	5	5
	Weft	5	5
2023AN1830-S12	Warp	5	5
	Weft	5	5
2023AN1830-S13	Warp	5	5
	Weft	5	5
2023AN1830-S14	Warp	5	5
	Weft	5	5
2023AN1830-S15	Warp	5	5
	Weft	5	5
2023AN1830-S16	Warp	5	5
	Weft	5	5
2023AN1830-S17	Warp	5	5
	Weft	5	5
2023AN1830-S18	Warp	5	5
	Weft	5	5
2023AN1830-S19	Warp	5	5
	Weft	5	5
2023AN1830-S20	Warp	5	5
	Weft	5	5



2023AN1830-S21	Warp	5	5
	Weft	5	5
2023AN1830-S22	Warp	5	5
	Weft	5	5
2023AN1830-S23	Warp	5	5
	Weft	5	5
2023AN1830-S24	Warp	5	5
	Weft	5	5

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Reference	Description
2023AN1830-S01	Art.Step Screen 68461 Dark Green
2023AN1830-S02	Art.Step Screen 68418 Light Green
2023AN1830-S03	Art.Step Screen 60411 Grey
2023AN1830-S04	Art.Step Screen 68419 Green
2023AN1830-S05	Art.Step Screen 60404 Light Grey
2023AN1830-S06	Art.Step Screen 66419 Blue Grey
2023AN1830-S07	Art.Step Screen 61449 Beige
2023AN1830-S08	Art.Step Screen 67404 Light Blue Green
2023AN1830-S09	Art.Step Screen 63412 Dark Orange
2023AN1830-S10	Art.Step Screen 64470 Dark Red
2023AN1830-S11	Art.Step Screen 66463 Blue
2023AN1830-S12	Art.Step Screen 67435 Turquoise
2023AN1830-S13	Art.Step Screen 68499 Light Green
2023AN1830-S14	Art.Step Screen 68401 Yellow Green
2023AN1830-S15	Art.Step Screen 64467 Light Red
2023AN1830-S16	Art.Step Screen 62446 Yellow
2023AN1830-S17	Art.Step Screen 62444 Light Yellow
2023AN1830-S18	Art.Step Screen 61487 Light Beige
2023AN1830-S19	Art.Step Screen 60445 Light Grey
2023AN1830-S20	Art.Step Screen 63436 Light Orange
2023AN1830-S21	Art.Step Screen 63439 Orange
2023AN1830-S22	Art.Step Screen 61491 Brown
2023AN1830-S23	Art.Step Screen 62443 Light Orange
2023AN1830-S24	Art.Step Screen 66465 Dark Blue



RESULTS

COLOUR FASTNESS TO RUBBING

Standard

AATCC TM 8:2016

Apparatus

Crockmeter

Starting test date

31/08/2023

Ending test date

31/08/2023

Scale used

AATCC Gray scale for staining (AATCC evaluation procedure 2)

Reference	Dry staining	Wet staining
2023AN1830-S01	5	5
2023AN1830-S02	5	5
2023AN1830-S03	5	5
2023AN1830-S04	5	5
2023AN1830-S05	5	5
2023AN1830-S06	5	5
2023AN1830-S07	5	5
2023AN1830-S08	5	5
2023AN1830-S09	5	5
2023AN1830-S10	5	5
2023AN1830-S11	5	5
2023AN1830-S12	5	5
2023AN1830-S13	5	5
2023AN1830-S14	5	5
2023AN1830-S15	5	5
2023AN1830-S16	5	5
2023AN1830-S17	5	5
2023AN1830-S18	5	5
2023AN1830-S19	5	5
2023AN1830-S20	5	5
2023AN1830-S21	5	5
2023AN1830-S22	5	5
2023AN1830-S23	5	5
2023AN1830-S24	5	5

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2023AN1830-S23	Art.Step Screen 62443 Light Orange
2023AN1830-S24	Art.Step Screen 66465 Dark Blue

**MEANING OF COLOUR FASTNESS APPRAISAL EVALUATED WITH GREY SCALE**

VALUE	MEANING
5	VERY GOOD - EXCELLENT
4	GOOD
3	FAIR - MODERATE
2	POOR - BEHAVIOUR
1	VERY POOR



Isabel Soriano
Chief of Innovation Area



Date: 08/09/2023 12:55:35

Digitally Signed by: MARIA ISABEL SORIANO SARRIO -

NIF:52716426N

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