Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - CALM #771

Report Number: R28360a
Report Date: 24 March 2023
Total Number of Pages 2

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Prepared for

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51 Tramway Road
North Avoca NSW 2260

Approved by

Nasser Cura
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24 March 2023

Test Report No. R28360a

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - CALM #771
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	16.7	-
2	1	14.4	-
3	2	14.7	-
4	2	15.8	-
5	3	13.5	-
6	3	18.9	-
7	4	14.6	-
8	4	16.6	-
9	5	13.2	-
10	5	15.3	-
Mean Luminous Reflectance (Y):		**15.4**	**NA**
Uncertainty U_{95}		**2.4**	**NA**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - OATMEAL #772

Report Number: R28360b
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360b

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - OATMEAL #772
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	13.8	-
2	1	16.0	-
3	2	12.5	-
4	2	12.7	-
5	3	14.9	-
6	3	11.8	-
7	4	15.5	-
8	4	14.2	-
9	5	12.8	-
10	5	12.7	-
Mean Luminous Reflectance (Y):		**13.7**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - THUNDER #773

Report Number: R28360c
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360c

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - THUNDER #773
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	10.4	-
2	1	8.7	-
3	2	7.9	-
4	2	8.0	-
5	3	9.3	-
6	3	6.0	-
7	4	10.0	-
8	4	11.1	-
9	5	10.9	-
10	5	7.5	-
Mean Luminous Reflectance (Y):		**9.0**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - SMOKE #775

Report Number: R28360d
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360d

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - SMOKE #775
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	9.5	-
2	1	7.7	-
3	2	12.2	-
4	2	8.1	-
5	3	8.4	-
6	3	8.5	-
7	4	7.5	-
8	4	8.7	-
9	5	8.1	-
10	5	8.9	-
Mean Luminous Reflectance (Y):		**8.8**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - POWDER #776

Report Number: R28360e
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360e

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - POWDER #776
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	14.8	-
2	1	16.2	-
3	2	16.5	-
4	2	18.3	-
5	3	19.2	-
6	3	19.2	-
7	4	14.9	-
8	4	19.5	-
9	5	20.1	-
10	5	15.5	-
Mean Luminous Reflectance (Y):		**17.4**	**NA**
Uncertainty U_{95}		**2.5**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - ICE #777

Report Number: R28360f
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360f

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - ICE #777
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	16.0	-
2	1	14.3	-
3	2	11.0	-
4	2	12.4	-
5	3	13.2	-
6	3	12.9	-
7	4	11.5	-
8	4	14.4	-
9	5	13.3	-
10	5	14.3	-
Mean Luminous Reflectance (Y):		**13.3**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - STEEL #773

Report Number: R28360g
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360g

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - STEEL #773
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	10.0	-
2	1	8.9	-
3	2	9.8	-
4	2	7.5	-
5	3	11.8	-
6	3	10.7	-
7	4	9.2	-
8	4	10.8	-
9	5	6.9	-
10	5	11.3	-
Mean Luminous Reflectance (Y):		**9.7**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - COAL #780

Report Number: R28360h
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360h

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - COAL #780
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	5.2	-
2	1	4.5	-
3	2	4.1	-
4	2	5.6	-
5	3	4.6	-
6	3	4.9	-
7	4	5.3	-
8	4	5.5	-
9	5	5.2	-
10	5	5.3	-
Mean Luminous Reflectance (Y):		**5.0**	**NA**
Uncertainty U_{95}		**2.2**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - MUSTARD #781

Report Number: R28360i
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360i

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - MUSTARD #781
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	25.9	-
2	1	23.6	-
3	2	22.6	-
4	2	23.6	-
5	3	23.6	-
6	3	21.2	-
7	4	20.9	-
8	4	25.0	-
9	5	23.5	-
10	5	24.6	-
Mean Luminous Reflectance (Y):		**23.5**	**NA**
Uncertainty U_{95}		**2.3**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - SUNFLOWER #782

Report Number: R28360j
Report Date: 24 March 2023
Total Number of Pages 2

Accredited for compliance with ISO/IEC 17020

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24 March 2023

Test Report No. R28360j

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - SUNFLOWER #782
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	15.3	-
2	1	12.8	-
3	2	13.6	-
4	2	13.7	-
5	3	16.8	-
6	3	16.0	-
7	4	16.2	-
8	4	15.6	-
9	5	18.7	-
10	5	14.7	-
Mean Luminous Reflectance (Y):		**15.3**	**NA**
Uncertainty U_{95}		**2.4**	**NA**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - FIRE #785

Report Number: R28360k
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360k

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - FIRE #785
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	8.9	-
2	1	9.1	-
3	2	8.4	-
4	2	8.2	-
5	3	9.5	-
6	3	8.1	-
7	4	10.7	-
8	4	8.8	-
9	5	10.8	-
10	5	8.9	-
Mean Luminous Reflectance (Y):		**9.1**	**NA**
Uncertainty U_{95}		**2.2**	**NA**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - CHERRY #786

Report Number: R28360l
Report Date: 24 March 2023
Total Number of Pages 2

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24 March 2023

Test Report No. R28360l

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - CHERRY #786
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	6.2	-
2	1	6.1	-
3	2	5.9	-
4	2	5.8	-
5	3	5.8	-
6	3	5.3	-
7	4	6.6	-
8	4	5.4	-
9	5	5.2	-
10	5	5.6	-
Mean Luminous Reflectance (Y):		**5.8**	**N/A**
Uncertainty U_{95}		**2.2**	**N/A**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - LEAF #788

Report Number: R28360m
Report Date: 24 March 2023
Total Number of Pages 2

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24 March 2023

Test Report No. R28360m

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - LEAF #788
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	13.2	-
2	1	10.6	-
3	2	10.4	-
4	2	10.3	-
5	3	12.1	-
6	3	9.5	-
7	4	11.8	-
8	4	10.1	-
9	5	11.7	-
10	5	8.0	-
Mean Luminous Reflectance (Y):		**10.8**	**N/A**
Uncertainty U_{95}		**2.3**	**N/A**

Note: Not all measurements were within 20 % of the mean and has been considered as part of the sampling component in the overall estimate of uncertainty. The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - OCEAN #789

Report Number: R28360n
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360n

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - OCEAN #789
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	9.4	-
2	1	12.1	-
3	2	9.2	-
4	2	12.3	-
5	3	12.1	-
6	3	10.9	-
7	4	9.4	-
8	4	10.0	-
9	5	10.5	-
10	5	8.9	-
Mean Luminous Reflectance (Y):		**10.5**	**N/A**
Uncertainty U_{95}		**2.3**	**N/A**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - PACIFIC #790

Report Number: R28360o
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360o

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - PACIFIC #790
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	6.0	-
2	1	6.5	-
3	2	8.0	-
4	2	6.6	-
5	3	7.3	-
6	3	7.7	-
7	4	6.6	-
8	4	6.6	-
9	5	5.9	-
10	5	7.1	-
Mean Luminous Reflectance (Y):		**6.8**	**N/A**
Uncertainty U_{95}		**2.2**	**N/A**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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Measurement of Luminous Reflectance
AS 1428.1-2009
Appendix B Paragraph B3

Design for access and mobility
Part 1: General requirements for access—New building work
B3 MEASUREMENT OF LUMINANCE CONTRAST—LABORATORY

MIST - ATLANTIC #791

Report Number: R28360p
Report Date: 24 March 2023
Total Number of Pages 2

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Test Report No. R28360p

Measurement of Luminous Reflectance

AS 1428.1-2009, Appendix B Paragraph B3

Note: Some products may absorb water at different rates and will take different lengths of time to dry, a single calculation of luminous reflectance may be insufficient in some applications, particularly since some sections of accessible paths of travel may be exposed to more wetting, and other sections to better drainage. Wet calculations were determined after 5 minutes of water ponding on the surface. The luminous reflectance values reported relate to samples provided by the client and analysed as received. The luminous reflectance of surfaces in-service may be affected by the latent effects of time including, but not limited to, installation, surface treatments, maintenance, wear & contamination, cleaning regimes, chemicals, soiling and ultraviolet light.

Building Element:	Floor - Carpet
Product Manufacturer:	Inspired Floor Coverings
Product Description:	MIST - ATLANTIC #791
Test conducted according to:	AS/NZS 1428.1-2009, Appendix B Paragraph B3
Colour meter:	Minolta Chroma Meter CR-400 tristimulus colour analyser
Diffuse Illumination:	Pulsed xenon arc (PXA) lamp inside a mixing chamber (D65)
Viewing angle geometry:	0° (specular component included)
Aperture:	8mm-diameter
Test Location:	4/40 Bessemer Street, Blacktown NSW 2148
Test Date:	23 March 2023
Sample Preparation:	Analysed as received

Results:

Measurement	Test Specimen	Dry (Y_d)	Wet (Y_w)
1	1	4.6	-
2	1	4.7	-
3	2	4.7	-
4	2	4.2	-
5	3	4.7	-
6	3	4.7	-
7	4	5.4	-
8	4	4.8	-
9	5	4.2	-
10	5	4.0	-
Mean Luminous Reflectance (Y):		**4.6**	**N/A**
Uncertainty U_{95}		**2.2**	**N/A**

The expanded uncertainty values (U95) stated in this report have been calculated at the 95% level of confidence with a coverage factor (k) of approximately 2.1.

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