



COMMERCIAL REFERENCE GUIDE





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Sisal roll form

Sisal fibre, from the leaves of *Agave sisalana*, is native to Mexico but is grown in Brazil, China, Cuba and throughout Africa. This hardy plant requires little water, no fertiliser and the leaves grow quickly, enabling twice yearly harvest. Luxurious and creamy white, Sisal fibre measures up to 1.2 metres long, is stretchable, strong and durable. It regulates its own moisture, resists saltwater deterioration and accepts a wide range of dyes. By-products from Sisal extraction can be used for bio-gas, pharmaceuticals and building materials. Key benefits of Sisal fibre include:

- Antimicrobial – *controls growth of bacteria, fungi & dust mites*
- Anti-Static – *ideal for offices*
- Natural Tannin present
– *prevents dust mite infestations*
- Biodegradable
- Hard wearing
- Insulating
- Moisture regulating



**OUR REAL
SISAL WOVEN
FLOORCOVERINGS
BRING A NOTE OF
AUTHENTICITY
AND TEXTURE TO
ANY INTERIOR**

AWTA TEXTILE TESTING



WEAR TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 7-551785-JN	DATE: 16/04/2007
SAMPLE DESCRIPTION	Clients Ref: "Chinese Graphite Sisal"		
	Nom: 1x1 Fine Boucle (Ribbed)	Powerloom carpet	
	Colour: Natural Product	100% Cactus fibre (Sisal)	
	Product Mass: 2.1-2.3kg/m ²	Thickness: 5mm (+/-10%)	
	Backing: Latex		
TWC 251/247/284-2000	Texture and Colour Change - Hexapod Tumbler Tester	Texture	Colour
	After 1500 cycles		
	Mean Grade	4	4-5
	Pile Thickness Loss	0.8mm	
	After 8000 cycles		
	Mean Grade	3-4	3-4
	Pile Thickness Loss	1.4mm	
	Total Carpet Thickness	6.5mm	
	International Reference Scale:	E	
	Vacuum cleaned with upright cleaner at commencement of test, after 1500 cycles and where applicable every 2000 cycles. Thickness measurements taken after vacuuming		
	Rating scale 1 to 5: 1 (very severe change) 5 (no change)		
	Minimum Performance Requirement for ACCS		
	1500 cycles:	texture change: 3	colour change: 2-3
	8000 cycles:	texture change: 2	colour change: 1-2
Submitted sample:	Complies		

AWTA TEXTILE TESTING



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 7-552019-AN	DATE: 30/04/2007			
SAMPLE DESCRIPTION	Clients Ref: "Chinese Graphite Sisal"					
	Nom: 1x1 Fine Boucle (Ribbed)	Powerloom carpet				
	Colour: Taupe	Approx total thickness: 5mm				
MATERIAL SPECIFICATION	Nominal composition:	100% cactus fibre (sisal)				
	Nominal total pile mass:	2.1-2.3kg/m ²				
	Nominal backing:	Latex				
AS/ISO 9239.1-2003 PART 1	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 04/04/2007	Date tested: 27/04/2007				
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
		1	2	3	Mean	
	Length	2.3	-	-	-	kW/m ²
	Width	2.3	2.0	2.3	2.2	kW/m ²
	Smoke Value					
	Length	284	-	-	-	% min
	Width	406	392	489	429	% min
	Observations: glowing, penetration of flame through to substrate					
Note:	Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2 degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing. Each specimen was tested over "Bridgestone Airstep Firecheck" natural rubber sponge underlay with Textron paper backing of nominal thickness 7.6+/-0.3mm, with a mass of 3000+/-75g/m ² and clamped to a substrate of 6mm thick fibre reinforced cement board.					

* Further information pertaining to AWTA available on page 17

Visit <http://www.interfloors.com.au/contract/downloads/>

Con Trak sisal floor tile



PERFECT FOR COMMERCIAL OR RESIDENTIAL APPLICATIONS

Con Trak Sisal carpet tiles offer many advantages over traditional Sisal broadloom carpet and make designing your floor scheme easy.

Con Trak Sisal carpet tiles are designed for heavy commercial traffic areas, but they are also perfectly at home in any residential dwelling.

Con Trak Sisal carpet tiles include a strong backing so they require no underlay and produce less waste than other flooring types, particularly in awkward shaped rooms. This saves time and money and because carpet tiles are easy to install, you can lay them yourself and save the cost of professional fitting. Any damage or spills can be resolved by replacing one tile rather than the entire floor, which is reassuring and overall, means carpet tiles are definitely a cost effective flooring option.



AWTA TEXTILE TESTING



WEAR TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 16-004459	DATE: 01/09/2016
SAMPLE DESCRIPTION	Clients Ref: "Contrak Sisal Tile, Style: Ravello"		
	Loop pile carpet tile		
	Colour: Brown		
	Nominal Composition: Sisal		
BSEN 985-2011 TEST A	Castor Chair Test		
	Number of cycles	5,000	25,000
	Delamination observed	No	No
	Change in surface structure rating	3	2.5
	Colour change rating	3.5	2.5
	Grey scale ISO 105-A02-1993 used for assessing change in colour. Conditioning was conducted in accordance with AS 2001.1-1995. Rating scale: 1 = Very severe change 5 = No change		

AWTA TEXTILE TESTING



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 16-004461	DATE: 22/09/2016			
SAMPLE DESCRIPTION	Clients Ref: "Contrak Sisal Tile, Style: Ravello"					
	Loop pile carpet tile					
	Colour: Brown					
	Nominal Composition: Sisal					
AS/ISO 9239.1-2003	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 19/08/2016	Date tested: 22/09/2016				
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
	CHF Value	1	2	3	Mean	
	Length	3.4	-	-	-	kW/m ²
	Width	2.9	3.0	3.5	3.1	kW/m ²
	Smoke Value					
	Length	257	-	-	-	% min
	Width	189	230	160	193	% min
	Observations: glowing, penetration of flame through to substrate					
	Glowing	Yes				
	Smouldering	Yes				

Note: The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use.

Sample was conditioned in accordance with BSEN 13238:2001 at a temperature of 2332°C and relative humidity of 5035% for a minimum of 48 hours prior to testing.

Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 656 adhesive and clamped prior to testing.

* Further information pertaining to AWTA available on page 17

Villa Natralis

100% un-dyed wool

FLOORED BY LUXURY

Designed to withstand the punishment of modern living while also offering standout design, the Villa Natralis range is a line of wool carpet made from 100% pure un-dyed natural wool.

The fibres are graded and blended together to produce luxurious, completely natural colour tones and then spun and woven on Wilton looms, a method of weaving carpet that dates back hundreds of years.

The result is a durable woven wool carpet that is extremely hard wearing and stable as the weaving process means the carpet won't lose its finish or become misshapen like tufted carpets.

- A 100% sustainable fibre.
- The pure colours retain the natural beauty of the fibre.
- Excellent fire retardancy, thermal and acoustic properties.
- No harsh dyeing process used in manufacture.
- Extremely strong and durable.
- Naturally non-allergenic.
- Noise insulation.
- Natural wool is able to regulate the humidity of an interior naturally.
- Energy efficient: Thermal insulation reduces energy costs as wool carpets help keep you warm in winter and cool in summer due to their superb insulation properties and ability to regulate humidity. The thicker the carpet, the better the level of insulation provided.



AWTA TEXTILE TESTING



WEAR TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 7-590296-JN	DATE: 18/04/2013
SAMPLE DESCRIPTION	Clients Ref: "Villa Natralis"		
	Hand Woven Wilton Carpet	Textured cut/loop pile carpet	
	Nom: 100% natural undyed graded wool	2.25kg/m ²	
TWC 251/247/284-2009	Texture and Colour Change - Hexapod Tumbler Tester	Texture	Colour
	After 8000 cycles		
	Mean Grade	3 (2-3)	3-4 (3)
	Pile Thickness Loss	2.7mm	
	After 16,000 cycles		
	Mean Grade	2-3 (2)	3 (2-3)
	Pile Thickness Loss	3.5mm	
	Total Carpet Thickness	14.3mm	
	International Reference Scale:	B	
	Vacuum cleaned with upright cleaner at commencement of test, and every 2000 cycles. Thickness measurements taken after vacuuming Rating scale 1 to 5: 1 (very severe change) 5 (no change) Moderate shedding occurred		

AWTA TEXTILE TESTING



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 7-590548-JN	DATE: 02/05/2013			
SAMPLE DESCRIPTION	Clients Ref: "Villa Natralis"					
	Hand Woven Wilton Carpet	Textured cut/loop pile carpet				
	Nom: 100% natural undyed graded wool	2.25kg/m ²				
MATERIAL SPECIFICATION	Nominal composition:	100% Natural undyed graded wool				
	Nominal total pile mass:	2.25kg/m ²				
	Nominal backing:	Primary - lenoweave polypropylene Secondary - woven cotton				
AS/ISO 9239.1-2003 PART 1	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 04/04/2013	Date tested: 01/05/2013				
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
		1	2	3	Mean	
	Length	10.4	-	-	-	kW/m ²
	Width	10.4	10.6	10.8	10.6	kW/m ²
	Smoke Value					
	Length	0	-	-	-	% min
	Width	4	2	0	2	% min
	Observations: melting, blistering, penetration of flame through to substrate					
Note:	Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2 degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing. Each specimen was tested over "Bridgestone Airstep Cushion Pad" reconstituted fibre underlay of nominal thickness 9.0+/-0.8mm, having a mass of 900+/-50g/m ² and clamped to a substrate of 6mm thick fibre reinforced cement board.					

* Further information pertaining to AWTA available on page 17

Sierra Natralis

100% un-dyed wool

NATURAL WOOL PERFECT STYLE

Sierra Natralis is the latest floor covering addition from International Floorcoverings. Being 100% un-dyed natural wool, Sierra Natralis can be used either installed wall to wall or made into custom made rugs.

The high and low looped tufted weave also makes this suitable for both residential and medium commercial application. Available in 3 durable colours, Lagos, Cintra, Salvada, Sierra Natralis is yet another 100% natural product from International Floorcoverings.



**HIGH & LOW
LOOPEd TUFTED
WEAVE MAKES
SIERRA NATRALIS
SUITABLE FOR
BOTH RESIDENTIAL
AND MEDIUM
COMMERCIAL
APPLICATION**

AWTA TEXTILE TESTING



TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 17-005579	DATE: 24/10/2017
SAMPLE DESCRIPTION	Clients Ref: "Berber"	Loop pile carpet	
ISO 10580: "Resilient, Textile and Laminate Floor Coverings: Evaluation of Volatile Organic Compound Emissions" Remarks: 1. Formaldehyd and acetaldehyde were detected using HPLC method with ultraviolet detector, whereas other VOC's substances were detected by Gas chromatography/Mass spectrometry method. 2. In this Gas chromatography/ Mass spectrometry method, the scan mode of SIM was employed for caprolactum detection, and TIC for others. Tested by AWTA-JSIC JinAo Testing Co Limited - China.	Carpet Institute of Australia Environmental Certification Scheme Spec.	Emission Factor Criterion (24 Hour) $\mu\text{g}/\text{m}^2\cdot\text{h}$	Emission Factor Test Result (24 Hour) $\mu\text{g}/\text{m}^2\cdot\text{h}$
	Formaldehyde	<10	18.8
	Acetaldehyde	<20	2.0
	Vinyl Acetate	<400	<1.6
	Benzene	<55	<0.8
	Toluene	<280	<0.8
	4-Vinyl cyclohexene	<85	<0.4
	Xylenes	<50	<0.4
	Styrene	<410	<0.4
	1-Methyl-2-Pyrrolidone	<300	<80
	2-Ethyl-1-hexanol	<50	<3.2
	Octanal	<24	<1.6
	Nonanal	<24	<1.6
	2-ethylhexanoic	<46	<40
	Napthalene	<20	<0.8
	Caprolactam	<120	<32.0
4-Phenylcyclohexene	<50	37.9	
Hydrocarbons (C10-C14)	<300	75.0	
Total Volatile Organic Compound	<500	78.4	
Test specimen size: 500 x 500 mm	Test time: 24 Hrs	Test temperature: 23 °C	Test humidity: 50 %
Loading factor: 0.25 m^2/m^3	Air exchange: 1 /h	Seal and test: Sealed with aluminium foil, and the back side of test specimen was placed on an inert glass plate to determine the emission of upper surface	

AWTA TEXTILE TESTING



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	2 HORDERN PLACE CAMPERDOWN NSW 2050	TEST NUMBER: 17-005602	DATE: 25/10/2017			
SAMPLE DESCRIPTION	Clients Ref: "Sierra Natralis undyed wool"	Loop pile tufted carpet				
MATERIAL SPECIFICATION	Nom: 100% undyed wool	1500g/m ²				
	Nominal composition:	100% undyed wool				
	Nominal total pile mass:	1500g/m ²				
	Nominal thickness:	11.5mm				
AS/ISO 9239.1-2003	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 06/10/2017		Date tested: 25/10/2017			
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
		1	2	3	Mean	
	Length	7.4	-	-	-	kW/m ²
	Width	4.0	4.9	4.9	4.6	kW/m ²
	Smoke Value					
	Length	13	-	-	-	% min
	Width	13	10	9	11	% min
	Blistering: yes					
Note:	The test results relate to the behaviour of the test specimens of a product under the particular conditions of the test, they are not intended to be sole criterion for assessing the potential fire hazard of the product in use. Sample was conditioned in accordance with BSEN 13238:2001 at a temperature of 2332°C and relative humidity of 5035% for a minimum of 48 hours prior to testing. Each specimen was clamped to a substrate of 6mm thick fibre reinforced cement board prior to testing.					

* Further information pertaining to AWTA available on page 19

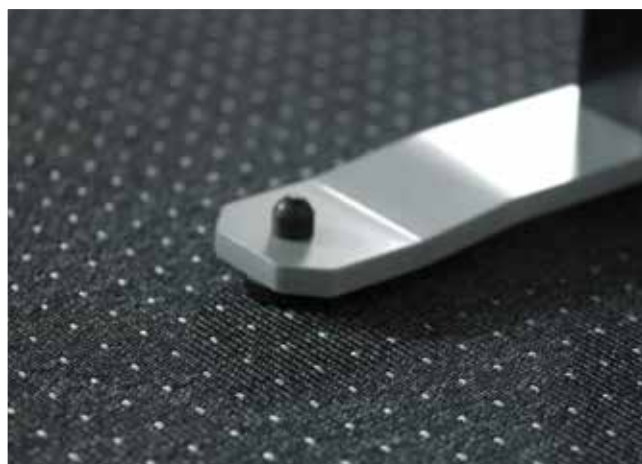
Visit <http://www.interfloors.com.au/contract/downloads/>

Platinum woven Antron

THE ULTIMATE CONTRACT FLOOR COVERING

The Platinum Range of Woven Antron fibre carpets provides a solution to this issue having used leading textile technology to create a truly soil resistant floor covering. In short, the hollow filament construction of the Antron Nylon fibre minimises the visual effects of soiling and staining without compromising wear performance.

Woven Antron fibre carpets are also Fire Rated, Excel Certified by the Scientific Certification System as an Environmentally Preferred Product and rated CR1 Green Label Plus for indoor air quality with VOC's of less than 0.5mg/sq hr. Antron fibre is also available with high recycled content nylon on a special order basis.



**THESE CARPETS
ARE MORE
RESISTANT
TO MATTING,
CRUSHING,
FUZZING, STAINING
AND BURNING**

AWTA TEXTILE TESTING



WEAR TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 7-551790-JN	DATE: 16/04/2007	
SAMPLE DESCRIPTION	Clients Ref: "Platinum Woven Antron"	Nom: Woven Boucle		
	Colour: Red/Black	100% Polyamide INVISTA Antron Excel		
TWC 251/247/284-2000	Pile Height: 2.6mm	Product Mass: 1.8kg/m ²		
	Backing: Polypropylene			
	Texture and Colour Change - Hexapod Tumbler Tester	Texture	Colour	
	After 1500 cycles			
	Mean Grade	4-5	4-5	
	Pile Thickness Loss	0.2mm		
	After 8,000 cycles			
	Mean Grade	4-5	4-5	
	Pile Thickness Loss	0.3mm		
	After 24,000 cycles			
	Mean Grade	4-5	4-5	
	Pile Thickness Loss	0.4mm		
	After 32,000 cycles			
	Mean Grade	4-5	4-5	
	Pile Thickness Loss	0.4mm		
Total Carpet Thickness	4.2mm			
International Reference Scale:	E			
Vacuum cleaned with upright cleaner at commencement of test, after 1500 cycles and where applicable every 2000 cycles. Thickness measurements taken after vacuuming				
Rating scale 1 to 5: 1 (very severe change) 5 (no change)				
Minimum Performance Requirement for ACCS				
1500 cycles:	texture change: 3	colour change: 2-3		
8000 cycles:	texture change: 2	colour change: 1-2		
Submitted sample:	Complies			

AWTA TEXTILE TESTING



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 7-551886-AN	DATE: 20/04/2007			
SAMPLE DESCRIPTION	Clients Ref: "Platinum Woven Antron"	Woven Boucle				
	Colour: red/black	Approx pile height: 2.6mm				
MATERIAL SPECIFICATION	Nominal composition:	100% polyamide Invista Antron Excel				
	Nominal total pile mass:	1.8kg/m ²				
	Nominal backing:	Polypropylene				
AS/ISO 9239.1-2003 PART 1	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 04/04/2007		Date tested: 18/04/2007			
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
		1	2	3	Mean	
	Length	5.1	5.9	5.5	5.5	kW/m ²
	Width	5.6	-	-	-	kW/m ²
	Smoke Value					
	Length	178	82	164	141	% min
	Width	4146	-	-	-	% min
	Observations: melting, blistering, penetration of flame through to substrate					
Note:	Sample was conditioned in accordance with BSEN 13238-2001 at a temperature of 23+/-2 degC and Relative Humidity of 50+/-5% for a minimum of 48 hours prior to testing. Each specimen was adhered to a substrate of 6mm thick fibre reinforced cement board using Roberts 95 adhesive and clamped prior to testing.					

* Further information pertaining to AWTA available on page 17

Visit <http://www.interfloors.com.au/contract/downloads/>

Suvi woven vinyl

NORDIC DESIGN

If you're looking to bring visual 'wow factor' and practical benefits to your floors, the Suvi range is the solution, offering a versatile design alternative to run-of-the-mill vinyl floorcoverings.

Produced in Finland, the Suvi range is broken down into a number of sub-ranges for different applications:-

SUVI DOMESTIC

Suitable for: hallways, kitchens, balconies, bathrooms, patios, boats and more.

Suvi Domestic can be used both indoors and outdoors and is designed to create a soft and pleasant underfoot feel. Particularly suitable for humid conditions, it dries quickly and is resistant to mould. Suvi's water and dust repelling surface also makes it easy to keep clean.

SUVI COMMERCIAL

Suitable for: banks, hotels, shops, offices, schools, kindergartens, fitness centres, healthcare areas and more.

Suvi Commercial is a comfortable, practical solution for a range of commercial applications. It provides an excellent sound and thermal insulation, and comes with a CRF of 6.8kw/m2 so is fire rated for all building areas. It also comes with an anti-slip rating of R10. In addition it can also be cut in any direction because it is run proof, resulting in endless options for the designer in terms of floor designs and patterns.

SUVI FLOOR RUGS

Suvi floor rugs can be custom made to any size or shape using a range of eye-catching binding fabrics including jute, cotton, leather or tapestry for internal use. Alternatively our range of synthetic bindings makes Suvi a perfect solution for outdoor area floor rugs.



**SUVI WOVEN
VINYL IS SOFT
UNDERFOOT,
DRIES QUICKLY,
AND REPELS
WATER, DUST AND
MOULD.**

CSIRO INDUSTRIAL RESEARCH SERVICES



SLIP RESISTANCE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	REPORT NUMBER: SY608	DATE: 15/12/2003
	Product Description: Woven Vinyl Sheet		
	90% Vinyl - 10% Polyester		
SLIP RESISTANCE CLASSIFICATION OF NEW PEDESTRIAN SURFACE MATERIALS	Test carried out in accordance with AS/NZS 4586:1999 (Appendix D)		
OIL-WET RAMP TEST METHOD	Location	Slip Resistance Laboratory	
	Fixed		
	Width	mm	
	Surface structure	<input type="checkbox"/> Smooth <input type="checkbox"/> Profiled <input checked="" type="checkbox"/> Structured	
RESULT	Overall acceptance angle	13.9°	
	Displacement space	not tested	
CLASSIFICATION	Slip Resistance assessment Group	R10	
	Displacement Space Assessment Group	-	

CSIRO INDUSTRIAL RESEARCH SERVICES



FIRE TEST REPORT

CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: HF07ANR4264	DATE: 16/12/2003
SAMPLE DESCRIPTION	Tuuli Flooring (Suvi)		
	Woven PVC/Polyester floorcovering with a rubber backing		
	The specimen was clamped to a 4.5mm thick fibre-reinforced cement board.		
	Nominal total thickness	3mm	
	Nominal thickness of backing	1mm	
	Nominal mass	3 kg/m ² (sheet)	
	Colour	light timber colour PVC, black backing	
SAMPLE CLASSIFICATION	Mean distance of flame travel	333.3mm	
	Average Critical Radiant Flux	6.8kW/m ²	
	Average smoke obscuration	337% min	
TESTING OFFICER	Russell Collins		
	Issued on the 14th day of January 2004 without alterations or additions		

* Further information pertaining to CSIRO Industrial Research Services available on page 17

In 2 Outdoors

**THERE IS NO
REASON WHY
YOUR INTERIOR
SHOULD BE THE
ONLY AREA
YOU DECORATE
WITH BEAUTIFUL
CARPETS AND
RUGS**

WOVEN POLYPROPYLENE

The In 2 Outdoors range of woven polypropylene 'natural look' carpets provide a practical and stylish solution for all of your indoor and outdoor needs. With a variety of colour ways, various binding choices for use as custom made rugs or the option to have these installed wall to wall equates to them being a truly versatile addition to any alfresco living space or commercial application.

Designed, developed and woven by European artisans the In 2 Outdoors products look like natural woven carpets such as sisal or seagrass but being manufactured in 100% UV stabilised polypropylene they are water resistant and do not absorb moisture. Being able to withstand sunlight and resist stains, bacteria and mildew the In 2 Outdoors range is ideal for boats and wet areas.

The sky's the limit as to their commercial or domestic use.



AWTA TEXTILE TESTING WEAR TEST REPORT



CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 15-004361	DATE: 15/09/2015
SAMPLE DESCRIPTION	Woven carpet End use: Outdoor Applications Nominal Composition: Polypropylene		
TWC 251/247/284-2009	Texture and Colour Change - Hexapod Tumbler Tester	Texture	Colour
	After 1500 cycles		
	Mean Grade	4.5	4.5
	Mean Worst Angle	4.5	4.5
	Pile Thickness Loss	0.4mm	
	After 8000 cycles		
	Mean Grade	4.0	4.5
	Mean Worst Angle	4.0	4.5
	Pile Thickness Loss	0.8mm	
	Total Carpet Thickness	5.3mm	
	International Reference Scale:	E	
	Vacuum cleaned with upright cleaner at commencement of test, after 1500 cycles and where applicable every 2000 cycles. Thickness measurements taken after vacuuming Rating scale 1 to 5: 1 (very severe change) 5 (no change)		

AWTA TEXTILE TESTING FIRE TEST REPORT



CLIENT: INTERNATIONAL FLOORCOVERINGS AUSTRALIA	379 SOUTH DOWLING STREET DARLINGHURST NSW 2010	TEST NUMBER: 15-004369	DATE: 23/09/2015			
SAMPLE DESCRIPTION	Woven Carpet Colour: Light Brown Stripe End Use: Outdoor Applications Nominal composition: Polypropylene Nominal Mass per Unit Area/Density: Approx 900g/m ² Nominal Thickness: Approx 4.2mm					
AS/ISO 9239.1-2003	Reaction to Fire Tests for Floorings Determination of the Burning Behaviour using a Radiant Heat Source					
	Date of sample arrival: 03/09/2015		Date tested: 22/09/2015			
	Results: CHF (Critical Heat Flux / Critical Radiant Flux)					
	CHF Value	1	2	3	Mean	
	Length	2.4	2.3	2.6	2.4	kW/m ²
	Width	4.1	-	-	-	kW/m ²
	Smoke Value					
	Length	139	87	82	103	% min
	Width	41	-	-	-	% min
	Observations:					
	Transitory flaming	Yes				
	Melting	Yes				
Blistering	Yes					
Penetration of flame through to substrate	Yes					

* Further information pertaining to AWTA available on page 17

INSTALLATION GUIDE - ALL MATERIALS

PLEASE READ THIS ENTIRE INSTRUCTION SHEET PRIOR TO CUTTING WE DO NOT RECOMMEND CROSS JOINING ANY OF OUR WOVEN MATERIALS

Below are some general points on installation. Should you have any enquiries you may contact us on 1800 339 379

FOR THE BEST POSSIBLE RESULT, we recommend that all woven natural fibre carpets be installed using architectural smooth edge and are laid on either: 7 lb, 100% Jute Commercial Underfelt, Jute/Hair mix Commercial Underfelt or Bridgestone Cushion Pad Underlay.

METHOD 1. DIRECT STICK OR DOUBLE BOND

- Prepare and level floor as you would for any direct stick/double bond installation for carpet or vinyl.
- Double bonding our woven natural carpets: To achieve the best finish, use a minimum 5mm thick double bond underlay & install gripper/smoothege
- Glue double bond slab underlay following manufacture's instructions, ensuring underfelt joins do not coincide with the carpet joins (if required).
- Roll out & cut material in roughly so it's flat but leave seams over lapped.
- Pull back one half of each width either side of the join and spread the adhesive following the manufacture's instructions. Leave a gap of 15cm either side of the join free of adhesive.
- Drop both sides of the carpet on to adhesive, then use a heavy roller to roll the material into the adhesive, this ensures good bond is achieved.
- When the main body of the installation is glued to the floor, cut in the seams as follows: All Woven Carpets – trim of one side of the join with a pair of shears etc, when this is done lay the trimmed carpet on top of the untrimmed section, using the clean straight carpet edge as a guide, cut bottom part of the join in. Woven Vinyl - joins can be done as above or can be double cut.
- Seam sealing: All Woven Carpets - Run a bead of PVA wood glue down the clean cut edge of the seam before gluing the full seam down.
- Seam sealing: Woven Vinyl - Joins must be cold welded after gluing the full seam down using Werner Muller type 'A' PVC cold weld liquid, available from MJS ph: 1800 677 758.
- Gluing down the seams: Open up the seam in lengths of 2 metres at a time and repeat the gluing process. When you have glued the second run of 2 metres, go back and roll the first 2 metres of joining, again will ensuring a good bond is achieved. Repeat this process until completed.
- Trim and tuck the carpet in: All woven natural carpets must be stapled on to the gripper/smoothege using 10mm long staples, whenever they meet another floor surface.

Recommended Adhesives & Coverage

- Woven Natural Fibre Carpets: Mapei Eco 220; Holdfast SG 226; Intercover 603; or any recognised outdoor artificial grass adhesive.
- Woven Antron Fibre carpets: Mapei Eco 220
Woven Vinyl: Outdoor areas, Mapei G19; Indoor areas Mapei 300.
- Most adhesives will give you approximately 2 square metres to 1 litre of adhesive but this depends on the sub-floor surface.
- If you have any doubts at all re the absorbency of sub-floor: use a floor sealer prior to installation (see adhesive manufactures specifications).

METHOD 2. QUALITY UNDERFELT & CARPET GRIPPER

- Prepare floor as for any traditional carpet installation on underlay.
- Install carpet gripper/smoothege and underfelt.
- Ensure that the underfelt joins do not coincide with the carpet join.

Sisal Carpet - Specific Instructions

- Roll out & cut material in roughly so it's flat but leave seams over lapped.
- Trim off each side with a pair of shears or top cutter.
- Run a bead of PVA wood glue down the cut edge of one of the pieces then join the Sisals together using a top quality foil heat tape.
- It is advisable to leave the seam to set for an hour before you start stretching the Sisal on to the gripper/smoothege.

- Power stretcher can be used to stretch long lengths of Sisal, but a standard kneekicker will do for smaller areas.
- Trim in and staple the Sisal on to the gripper/smoothege as you go using 10mm long staples.

NOTE: If you get a few creases in the Sisal and you cannot kick them out, spray the creased area with a fine mist of water. ONLY do this after you have completed the installation. This method will tighten Sisal fibres & pull out the affected areas.

METHOD 2. CONTINUED

Quality Underfelt & Carpet Gripper: Coir Carpet - Specific Instructions

Coir Method A

Used for decades and was the most widely used method.

- Roll the carpet out and cut it in roughly so that it is flat
- Butt the seams together selvedge to selvedge.
- To join the Coir; flip one of the sides over on top of the other so the Coir is laying face against face
- Sew the two widths together using a waxed linen thread.
- When seaming has been done spread out the carpet again.
- Just before you start to install sprinkle water only over the area that you are working on.
- Use approx 1/2 litre to every 4 square metres.
- This will expand the Coir carpet and make it easier to stretch on to the gripper/smoothege.
- Power stretcher can be used to stretch long lengths of Coir, but a standard knee kicker will do for smaller areas.
- Trim in and staple the Coir to the gripper/smoothege as you go using 14mm long staples.

Coir Method B

Is much more aesthetically pleasing and was developed by IFA but you must adhere to the following guidelines.

If you take any short cuts with Method B. The joining will fail.

It is best that this method of joining Coir together be prepared in the workroom the day before installation as this allows the joins to set overnight.

If you have joined the Coir on site then leave the joins to set overnight without putting any tension on the seams.

If this is still not possible, after joining the Coir together YOU MUST, "stop-nail" off both sides of the join (nails should be no more than 100mm apart down the full length of the join), before you stretch the Coir.

These nails will help stabilise the join but, again, they must be left in overnight. The client can easily remove them the next day.

This joining method must be allowed to set for approximately 12 - 15 hours before you can put any tension in it.

- Roll the carpet out and cut it in roughly so that it is flat, but leave the seams over lapped.
- Trim off each side with a pair of shears or top cutter, making sure you cut back into the latex backing.
- Run a bead of PVA wood glue down the cut edge of each side of the join and heat bond together using a quality foil heat tape
- This joining method must be allowed to set for approximately 12-15 hours before you can put any tension in it.
- Just before you start to install, sprinkle water only over the area that you are working on.
- Use approx 1/2 litre to every 4 square metres.
- This will expand the Coir carpet and make it easier to stretch on to the gripper/smoothege.
- Power stretcher can be used to stretch long lengths of Coir, but a standard knee kicker will do for smaller areas.
- Trim in and staple the Coir to the gripper/smoothege as you go using 12mm long staples.

**NOTE: Only water down the areas you are working on.
DO NOT water down any of the joins or the entire area at once.**

CON TRAK SISAL TILE INSTALLATION GUIDE

Pre-Laying Checks:

It is the flooring contractor's responsibility to verify that the product supplied is the correct product, colour and quantity for the project, prior to installation. International Floorcoverings Australia will not be responsible for any visible defects after the carpet has been installed.

International Floorcoverings Australia also recommends the flooring contractor confirm with their client the required installation style (1/4 turn / Brick / Non Directional).

Unless otherwise specified by the client, International Floorcoverings Australia recommends Con Trak Sisal Tiles should be installed 1/4 turn i.e. right angles to each other.

Site Testing and Conditioning:

Sub floor must be tested for moisture in accordance with AS2455.1:2007 and AS2455.2:2007

International Floorcoverings Australia Con Trak Sisal Tile (and any adhesives if being used) must be allowed to condition on site for a minimum period of 24 hours, at a minimum temperature of 15°C and a maximum temperature of 35°C. The temperature must remain within this range for the entire installation period and a minimum of 48 hours after installation completion. The relative humidity of the area where the tiles are to be installed must not exceed 75% or fall below 30%.

Installation Procedure:

Laying should commence as near as possible to the centre of the room, with a square of 4 tiles. All tiles should be tessellated (1/4 turn) i.e. right angles to each other unless specified.

Floor Preparation:

Sub floor must be dry, free of dust, dirt, oil, grease, paint or any other materials which could adversely affect the adhesion of carpet tile to the floor. The sub floor must be level and smooth.

Depressions and cracks must be filled using an approved levelling compound in accordance with the manufacturer's instructions. All protrusions must be levelled.

High porosity floors must be primed in accordance with AS2455.1:2007.

Underfloor Heating must be switched off 48 hours prior to installation and not turned back on for a minimum of 48 hours after completed installation. Turning heating elements back on prior to the 48 hour curing time may affect the performance of the adhesive. Heating surface temperature must not exceed 27°C.

Healthcare facilities may require the sub floor to be sealed. International Floorcoverings Australia recommends products such as Roberts Medi-Seal Plus or equivalent, used in accordance with the manufacturer's instructions.

Adhesive Recommendation / Application:

International Floorcoverings Australia recommends the use of Green Solutions - GS GHM 444 solvent free, pressure sensitive adhesive, Holdfast 410 solvent free pressure sensitive adhesive or Mapie Eco 810 Carpet Tile adhesive, all to be used in accordance with the manufacturer's instructions.

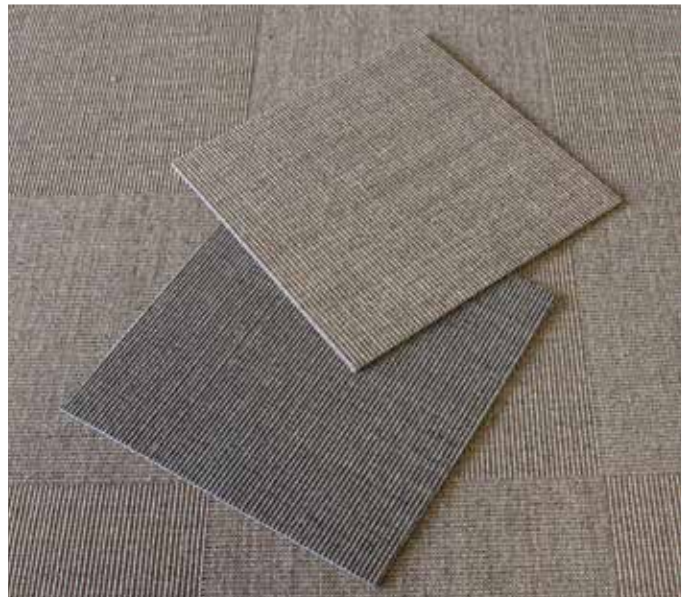
Application rates must be determined by the installation contractor as this will be subject to subfloor conditions.

For further information regarding application rates, recommendations and warranties, please contact your adhesive manufacturer.

Con Trak Sisal Tiles require 100% application of adhesive.

It is the installer's responsibility to ensure the sub floor condition and adhesive application rate allows the carpet tiles to be securely stuck yet easily uplifted as required.

Adhesive must be given sufficient time to 'tack off' and almost dry prior to laying of carpet modules. If the product is laid into wet adhesive, a permanent bond may occur.



International Floorcoverings Australia (IFA) warrants that the surface pile of your woven carpet or carpet tiles will not be worn more than 25% by abrasion during the warranty period provided the carpet or carpet tiles are installed as per IFA specifications and is maintained correctly according to IFA recommendations in an owner occupied commercial or single family residence.

If the woven carpet or carpet tiles loses more than 25% of its weight during the warranty period compared to non traffic area, IFA will assist such claims as per the terms and conditions in this warranty, for the affected area only. That is the worn area extended to the nearest wall, doorway or entrance.

Abrasive wear is the loss of fibre through normal abrasion, not crushing or flattening, staining, soiling, fading, or any other changes in the appearance of our woven carpet or carpet tiles. If our woven carpet or carpet tiles are installed outdoors, in kitchens, bathrooms or in areas subject to other normal foot traffic, they are not covered by this warranty. Tears, pulls, burns, improper installation, improper cleaning or damage caused by ambient moisture, furniture, wheels or athletic equipment are not covered by this warranty.

GENERAL TERMS AND CONDITIONS OF YOUR WARRANTY

IFA reserves the right to make good any defect prior to the carpet being removed, replaced or a settlement being offered. IFA will provide, if replacement is warranted, a product equal to the original value of the damaged product, if an identical product is unavailable. IFA will arrange a non-transferable credit to you or your retailer as a percentage cost of the new product. The non-transferable credit is only good towards a replacement of IFA products; no cash payment will be made. IFA are not liable for accidental or consequential damages.

IFA natural fibre products are only intended for indoor use and not for any other purpose.

The warranty only extends to the original purchaser of IFA woven carpet and carpet tiles and is non-transferable, and only apply to owner occupied installations.

The warranty only covers first quality woven carpet or carpet tiles, any woven carpet or carpet tiles sold as second quality are not covered under the warranty.

Warranties do not apply to carpets or carpet tiles that have been incorrectly installed. All IFA woven carpet or carpet tiles should be installed as per Australian Standards AS2455-1989 along with IFA Guidelines.

Improper maintenance and inadequate care will void all or part of your warranty. You should follow the maintenance guide on the IFA web site.

IFA takes no responsibility for underlay failure that can cause problems with your woven carpet.

Problems caused by persistence of moisture are not covered by your warranty.

This warranty excludes, but is not limited to, general soiling and stains from food and beverages including such foods and beverages that contain coloured naturally dispersed pigments and dyes: This warranty also excludes, but is not limited to, substances which destroy or change the colour of IFA's woven carpet or carpet tiles such as bleaches, drain cleaner, plant food, vomit, urine and faeces.

This limited warranty excludes any residual stains which may occur under this condition.

IFA warranty does not cover changes of woven carpet or carpet tiles colour due to external causes, such as fading due to UV, sunlight, ozone or spills of household chemicals and other non-food, non-beverage substances.

IFA warranty does not cover slight differences between the colour and texture of the sample at the retail store and the actual colour and texture of your woven carpet or carpet tiles.

IFA warranty does not cover installation on stairs, areas subject to castor action, damage from skates, spiked shoes and other athletic footwear, water damage.

If your woven carpet or carpet tile needs to be replaced under the terms of your IFA warranty and that product has been discontinued, IFA will substitute a woven carpet or carpet tile of comparable price & quality to the original purchase price as set out below.

IFA woven carpet or carpet tiles should be installed strictly to IFA guide lines. Failure to follow the guide lines will result in your woven carpet or carpet tiles not being covered by your warranty.

All woven carpet or carpet tiles will change in appearance over time especially in heavy traffic areas mainly, but not limited to foot traffic. This is normal and should be expected.

All of our woven carpet or carpet tiles have been processed manually, hence they contain irregularities in weave and colour. These irregularities are characteristic features of their uniqueness and cannot be construed as flaws.

Any Irregularities in weave and colour will not affect the wearing qualities of the woven carpet or carpet tiles.

All woven carpet and carpet tiles will change colour over time. This can be due, but is not limited to sunlight, ozone, cleaning agents and other general household items.

As with all soft floorcoverings indentations can occur from furniture and other heavy objects.

PURCHASERS/HOMEOWNERS OBLIGATIONS UNDER IFA WARRANTY

To protect your warranty you must:

- Keep proof of purchase showing the price you paid for the woven carpet or carpet tiles.
- Install and maintain your woven carpet or carpet tiles according to the recommendations described in IFA's care and maintenance guide.
- Keep proof of periodic cleaning by certified professional cleaner recommended by IFA.
- Protect your woven carpet or carpet tiles from continuous sunlight by using, blinds, curtains etc.

A minimum of one professional clean, as recommended by IFA (dry clean only) every 6 months is required. Sometimes more regular cleaning is needed depending on traffic levels, family size, soil conditions adjacent to the home and other circumstances.

TO FILE A CLAIM

Proof of purchase must be accompanied with all claims.

If a claim is deemed valid and the woven carpet or carpet tiles cannot be restored, IFA will arrange a non-transferable credit equal to the original cost of the woven carpet or carpet tiles replacement. The non-transferable credit will be given according to the length of time your woven carpet or carpet tiles have been installed and based on the following schedule.

5 YEARS:

- 1st - 100%
- 2nd - 75%
- 3rd - 50%
- 4th - 25%
- 5th - 10%

NB: The use of the word "carpets" in the above warranty, refers to all IFA carpets that have been installed wall to wall or custom made by IFA into floor rugs.

NB: This warranty also includes IFA's readymade floor rugs.

NB: IFA warranty excludes any wearing issues on any binding material applied to IFA's custom made floors rugs, hallway runners and stair runners.

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- Chemical Testing of Textiles & Related Products: Accreditation No 983
- Mechanical Testing of Textiles & Related Products: Accreditation No 985
- Heat & Temperature Measurement: Accreditation No 1356

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Approved Signatory

Michael A Jackson BSc (Hons)
 Managing Director

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